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ABSTRACT

This report provides a statistical overview of followup surveys concerning college freshmen entering two- and four-year colleges and universities in 1987 and 1989. The study's purpose was to contrast college freshmen responses with those given 2 and 4 years later to examine how students change during the undergraduate years. Additionally presented is a description of the methods used in collecting and presenting the data. 1987 and 1989. The report's first three sections report adjusted national norms from the 1991 followup of 1987 freshmen (men, women, and all) students. Sections 4 through 6 provide weighted tabulations for men, women, and all 1989 freshmen who responded to the 1991 followup survey. Each section includes not only 1991 followup data, but also appropriate freshman data. Also reported are the weighted retention figures for 1987 freshmen, provided for four-year institutions by type, selectivity, and student academic achievement levels. Appendices include the weighted methodology used in the statistical analysis, the student survey instrument, and a conversion chart for converting American College Testing scores to Scholastic Aptitude Test equivalents. (GLR)

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The American College Student, 1991

National Norms for 1987 and 1989 College Freshmen

Prepared by the Staff of the
Higher Education Research Institute

HE 025 967

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The American College Student, 1991

National Norms for 1987 and 1989 College Freshmen

Prepared by the staff of the
Higher Education Research Institute

Higher Education Research Institute
Graduate School of Education
University of California, Los Angeles

August, 1992

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The American College Student, 1991

National Norms for 1987 and 1989 College Freshmen

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The 1991 Follow-up survey of 1987 and 1989 college freshmen was carried out during the summer and fall of 1991 under the general direction of Alexander W. Astin, Professor and Director of the Higher Education Research Institute at UCLA. Eric L. Dey, Sylvia Hurtado, William S. Korn, and Jeffrey F. Milem made contributions to questionnaire design.

This report was prepared by William S. Korn.

An Overview of the 1991 Follow-up of 1987 and 1989 College Freshmen

The Cooperative Institutional Research Program (CIRP) is a longitudinal study of the impact of different types of college environments on a student's development. Since 1966, the entering freshman classes at a national sample of colleges and universities across the United States have been surveying their entering freshmen. In the early years of the CIRP, longitudinal follow-ups were conducted at irregular intervals based upon available funding. Beginning in 1982, however, CIRP has conducted annual follow-ups of freshmen two and four years after entering college.

This technical report describes the methods used in collecting and presenting the data, as well as providing the data from the 1991 follow-up study. The 1991 follow-up, carried out during the summer and fall of 1991, surveyed students who entered college in 1987 and 1989. Following the input-environment-outcomes (I-E-O) design described in Astin (1991), the freshman survey collects input data and the follow-up survey collects outcome data. Additionally, the follow-up survey collects information on the experiences of students since entering college.

Method

Fiscal constraints precluded our following up all of the nearly 600,000 freshmen who completed our entering surveys in the fall of 1987 and 1989; therefore, a sampling strategy had to be devised. Since we were concerned with achieving as much representation as possible, our strategy was to obtain, for each of the two cohorts, approximately 175 respondents in each of 23 stratification cells used in the freshman survey. We included roughly equal numbers of men and women in each respondent group. Based on patterns of responses obtained in previous follow-up surveys, a sample size which would be expected to yield the desired number of men and women respondents in each stratification cell for each cohort was computed. For example, if males at public four-year colleges were historically one-third as likely to respond as females from private universities, the males' sample size would have to be three times as large as the females' to yield the same number of respondents. This sample was then randomly selected from the population of freshman survey respondents included in the national norms for 1987 and 1989 (see Appendix A of *The American Freshman: National Norms for 1987* for a detailed discussion of the freshman survey methodology).

Follow-up questionnaires were mailed to the students' home addresses in the summer of 1991. A second wave of questionnaires were sent to nonrespondents in the early fall of the same year. In addition, we requested further information on students in the sample from their specific institution. These requests were made through each institution's CIRP representative. This information included: Degree earned (if any), number of years completed at that institution, and whether or not the student was still enrolled at that institution. These "registrar's data" were used to correct for questionnaire nonresponse bias and to study retention. Results of the collection procedures for the registrar's data can be found in Appendix A, Tables A1-A7.

Institutional response rates to our request for registrar's data approached 68% for the 1987 cohort and 71% for the 1989 cohort. Rates of response by students to the mailed follow-up surveys ran substantially lower: 21% and 22% for the 1987 and 1989 cohorts, respectively. However, the unique characteristics of the CIRP survey make it possible to use sophisticated weighting procedures to correct for the potential nonresponse bias. Three sources of information were used in adjusting for these biases: The CIRP freshman survey data, the stratification cell of the student's institution, and the registrar's data[1].

The weighting procedures for the questionnaire data involved three stages. In the first stage, a series of regression analyses was carried out to remove any response bias in either the CIRP freshman survey data or the registrar's data. In effect, this procedure gives the greatest weight to those respondents who most resemble the non-respondents in terms of CIRP freshman and registrar's data. In the second stage, the weights obtained from the first stage were adjusted to equal the number of questionnaires mailed out within each stratification cell. In the third stage, the weighted totals in each stratification cell were inflated to equal the total number of first-time, full-time freshmen entering college in that cell in either 1987 or 1989. A complete description of these weighting procedures is provided in Appendix A. Weights for the registrar's data were computed in a similar fashion, except that the first step was skipped.

Results

Included in this report are three major sections of information based upon the 1991 follow-up survey: The adjusted norms for 1987 freshmen, the adjusted norms for 1989 freshmen. A detailed analysis of the retention data collected from registrars will be published in early Fall, 1992.

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[1] It should be noted that there is no within-institution bias in the registrar's data since each participating institution provided data on all students. Further, our analysis indicated that there were no measurable differences within stratification cells between institutions providing registrar's data and those failing to do so with respect to characteristics such as size, selectivity, expenditures, type of institution, and control (see Astin, 1982). Thus, registrar's data appear to be provided on an unbiased subsample of the original follow-up sample.

Complete weighted tabulations of the CIRP follow-up survey responses are provided for the 1987 and 1989 freshmen in the sections that follow. The first three sections report adjusted national norms from the 1991 follow-up of 1987 freshmen men, women, and all students. Sections 4 through 6 provide weighted tabulations for men, women, and all 1989 freshmen who responded to the 1991 follow-up survey. The items in each section are abbreviated versions of the actual items which appeared on the 1991 follow-up questionnaire (see Appendix C). Each section includes not only 1991 follow-up data, but also appropriate freshman data. By contrasting freshman responses with those given two and four years later, it is possible to examine how students change during the undergraduate years.

Finally, the national retention figures were determined based upon the registrar's data that was provided by the CIRP institutional representatives. These tables provide weighted retention figures for 1987 freshmen. The retention figures are provided for four-year institutions by type, selectivity, and student academic achievement levels.

National Normative Data
for
1987 Freshmen

Four Years After College Entry

NOTES FOR 1991 FOLLOW-UP OF 1987

1) More than one response permitted. Total may sum to more than 100 percent.

2) Based on the curriculum recommendations of the National Commission on Excellence in Education.

3) Students responding "don't know, can't rate" not included.

4) Students indicating no time off taken not included.

5) Disaggregated responses for this item can be found at the end of the report.

6) Derived from various questions in the Follow-up Survey. All others from question #2 (activities since entering college).

7) Frequently only, all others frequently plus occasionally.

8) Reorganization of this item from a longer list is shown in The American College Student.

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Year Graduated from High School											
1987	97.8	99.1	99.4	96.5	97.5	97.0	98.4	97.9	90.7	89.8	97.3
1986	1.3	0.8	0.6	2.2	1.1	1.1	1.5	1.0	3.0	3.2	1.0
1985	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.6	0.6	0.0
1984 or earlier	0.7	0.0	0.0	0.8	1.3	1.9	0.1	1.0	5.1	5.7	0.9
H.S. equivalency (G.E.D. test)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.1
never completed high school	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.7
Age on December 31, 1991											
20 or younger	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0
21	2.2	1.9	5.8	1.7	2.3	2.6	3.7	0.9	2.6	2.7	1.9
22	76.1	74.8	79.3	75.0	77.9	75.3	81.9	79.8	74.7	75.9	66.3
23	19.9	23.1	14.3	20.8	17.0	19.7	13.7	14.6	15.2	13.1	30.7
24	0.7	0.2	0.6	1.5	0.4	0.5	0.2	0.2	1.9	2.1	0.0
25 to 28	0.8	0.0	0.0	0.7	2.2	1.4	0.3	4.4	2.1	2.3	0.4
29 to 33	0.1	0.0	0.0	0.3	0.1	0.1	0.0	0.0	1.4	1.6	0.0
34 to 43	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.9	1.0	0.6
44 to 58	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	1.1	1.3	0.0
59 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Racial Background (1)											
White/Caucasian	85.3	85.3	86.6	84.2	86.4	79.8	91.8	93.8	91.6	91.5	92.2
African-American/Black	8.9	4.7	3.9	12.9	10.1	15.0	5.5	5.0	3.0	2.7	5.4
American Indian	0.8	1.3	0.1	0.5	1.0	1.3	0.5	0.8	0.2	0.2	0.0
Asian-American/Oriental	3.1	5.1	6.5	1.5	1.8	2.6	1.4	0.9	1.0	1.1	0.7
Mexican-American/Chicano	1.9	4.1	2.5	1.1	0.5	0.7	0.6	0.1	0.6	0.5	0.7
Puerto Rican-American	0.4	0.4	0.8	0.3	0.3	0.3	0.3	0.2	0.6	0.7	0.0
other	1.4	1.6	1.9	0.8	1.9	2.8	0.6	1.1	3.7	4.0	1.0
Have Met or Exceeded Recommended Years of High School Study (2)											
English (4 years)	96.8	98.5	97.6	95.8	95.9	97.1	97.4	93.4	96.0	97.0	88.6
mathematics (3 years)	94.6	96.8	99.1	94.0	91.5	88.2	96.2	94.0	86.7	88.7	71.7
foreign language (2 years)	83.8	86.2	95.7	80.4	81.9	82.6	86.0	78.4	74.5	77.4	49.9
physical science (2 years)	54.4	60.7	57.3	49.0	53.4	54.6	53.9	51.4	45.5	46.1	41.2
biological science (2 years)	36.1	36.5	37.1	33.0	39.3	41.7	34.2	38.5	30.0	30.0	29.6
history/Am government.(1 year)	99.5	99.9	99.8	99.2	99.1	98.9	99.3	99.5	99.0	99.1	98.2
computer science (1/2 year)	60.5	60.2	64.4	59.0	61.4	59.3	65.5	62.5	62.2	63.4	51.5
art or music (1 year)	65.3	67.7	65.6	61.1	67.9	66.2	67.9	70.7	67.3	66.9	70.2
Took Credit Courses at Freshman College Before Enrollment											
no	97.6	97.4	95.6	97.8	98.1	98.1	97.3	98.4	95.1	95.3	93.7
yes	2.4	2.6	4.4	2.2	1.9	1.9	2.7	1.6	4.9	4.7	6.3
Status of Parents in 1987											
together	75.1	75.7	81.0	73.5	74.8	72.1	78.8	76.7	75.9	75.1	81.6
divorced or separated	19.9	20.5	15.9	21.1	19.2	21.2	14.7	18.5	18.8	19.3	15.2
one or both deceased	4.9	3.8	3.1	5.4	6.0	6.6	6.5	4.8	5.4	5.7	3.2

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Average High School Grade											
A or A+	12.9	17.5	29.6	6.1	11.3	10.8	9.0	13.3	5.1	5.4	2.6
A-	13.2	16.3	17.4	9.3	13.4	13.3	14.7	12.8	7.2	7.2	6.6
B+	20.8	22.0	23.3	18.1	22.1	20.0	24.9	23.9	21.0	22.0	13.0
B	24.0	22.1	17.1	29.4	21.6	18.9	25.3	23.7	24.0	22.5	35.7
B-	14.7	11.9	7.6	19.6	13.8	15.2	14.8	11.2	21.6	22.1	17.7
C+	8.3	7.1	4.1	9.8	9.0	8.7	6.7	10.6	8.9	8.7	11.0
C	5.9	3.0	0.9	7.4	8.4	12.8	4.4	3.8	11.8	11.7	12.1
D	0.2	0.0	0.0	0.3	0.4	0.2	0.0	0.8	0.5	0.4	1.3
Average Undergraduate Grade											
A	5.5	6.0	7.9	3.4	6.9	5.1	6.7	9.8	3.1	3.1	2.9
B+,A-	27.0	25.7	37.0	24.5	28.2	28.5	31.4	26.0	18.9	17.1	31.6
B	35.6	39.1	36.6	31.4	36.7	35.2	37.6	38.7	39.3	40.0	34.7
C+,B-	23.8	20.5	15.4	29.8	22.4	24.8	19.3	20.5	23.4	24.2	17.7
C	6.5	7.0	2.1	8.6	4.5	4.5	4.6	4.5	13.0	13.7	8.3
C- or less	1.7	1.7	0.9	2.2	1.2	1.9	0.4	0.5	2.2	1.9	4.7
Degree Aspirations in 1987											
none	1.2	1.3	1.4	1.2	0.9	0.8	1.5	0.7	2.3	2.2	2.9
vocational certificate	0.2	0.1	0.0	0.0	0.5	0.5	1.2	0.0	2.1	2.3	0.5
associate (AA or equivalent)	0.9	0.2	1.3	0.7	1.7	2.9	0.7	0.2	7.4	7.7	4.8
bachelor's (BA, BS, etc)	31.1	32.3	15.6	37.2	28.2	26.8	32.1	28.3	49.7	50.2	45.2
master's (MA, MS, etc)	38.9	35.5	38.8	42.0	39.1	38.5	39.3	39.9	27.5	26.9	32.1
PhD or EdD	14.4	16.4	20.7	12.0	13.0	13.5	11.1	13.1	6.0	6.3	3.2
MD, DO, DDS, DVM	7.3	9.3	9.1	4.0	8.3	8.6	5.5	9.1	1.6	1.4	3.4
LLB or JD (law)	5.0	4.2	11.2	2.2	6.8	6.8	7.8	6.4	1.6	1.0	5.7
BD or MDiv (divinity)	0.4	0.3	1.5	0.2	0.5	0.4	0.2	0.8	0.0	0.0	0.0
other	0.6	0.3	0.4	0.6	1.1	1.1	0.7	1.4	2.0	2.0	2.2
Highest Degree Earned by 1991											
none	40.5	47.3	24.2	50.7	27.0	29.6	24.1	24.4	37.9	37.7	39.5
vocational certificate	1.1	1.7	0.0	1.2	0.7	0.7	0.0	1.1	2.9	3.2	0.5
associate (AA or equivalent)	6.1	4.3	1.4	10.9	3.9	4.9	3.9	2.4	27.2	25.8	37.8
bachelor's (BA, BS, etc.)	51.4	45.7	73.4	36.1	67.8	64.6	71.7	70.9	29.7	30.9	20.3
master's (MA, MS, etc.)	0.3	0.2	0.6	0.4	0.3	0.0	0.0	0.9	0.3	0.4	0.0
PhD or EdD	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.1	0.0
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BD or MDiv (divinity)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.3	1.9	1.9	1.9
Degree Aspirations in 1991											
none	1.3	0.6	0.5	1.3	2.5	2.9	1.2	2.5	2.5	2.0	6.5
vocational certificate	0.3	0.2	0.0	0.5	0.1	0.2	0.1	0.0	0.9	0.8	1.1
associate (AA or equivalent)	1.0	0.7	0.3	1.4	1.1	0.7	1.5	1.5	10.0	9.7	12.3
bachelor's (BA, BS, etc.)	28.6	31.7	13.4	35.4	21.3	20.7	20.5	22.6	40.4	40.6	39.2
master's (MA, MS, etc.)	41.6	40.0	40.9	40.7	44.7	40.1	49.7	49.0	34.6	35.3	29.4
PhD or EdD	14.8	13.5	19.9	13.9	15.7	18.0	14.6	13.0	6.9	6.6	8.9
MD, DO, DDS, DVM	4.7	5.1	7.9	2.7	5.9	7.8	3.2	4.3	0.8	0.9	0.2
JD or LLB (law)	6.1	6.3	15.0	3.4	6.4	7.2	7.4	4.9	0.9	1.1	0.0
BD or MDiv (divinity)	0.4	0.6	0.5	0.1	0.5	0.3	0.3	1.0	0.4	0.3	0.6
other	1.2	1.2	1.6	0.7	1.7	2.2	1.5	1.1	2.6	2.7	1.9

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Freshman College was Student's											
first choice	66.5	67.8	70.4	62.7	68.7	65.1	69.8	73.8	74.6	76.4	61.6
second choice	24.9	25.1	21.4	29.1	20.6	21.0	23.0	18.8	20.5	19.2	29.8
third choice	5.8	5.3	5.3	5.4	7.0	8.7	5.8	4.9	3.3	2.8	7.0
less than third choice	2.7	1.7	2.8	2.8	3.6	5.2	1.3	2.4	1.6	1.7	1.5
College Experiences Noted Very Satisfactory or Satisfactory (3)											
science and mathematics courses	61.1	57.3	60.5	62.3	64.0	62.6	61.2	67.7	64.8	64.1	70.5
humanities courses	73.7	72.7	82.3	71.2	75.3	72.9	76.2	78.4	68.7	68.2	73.2
social science courses	70.8	72.4	77.6	68.1	70.5	66.2	74.3	74.7	65.6	66.7	56.1
courses in major field	82.0	80.1	86.4	83.2	81.2	82.3	81.2	79.5	78.7	79.0	76.3
relevance of coursework to life	56.2	51.8	55.0	58.0	59.2	57.0	63.0	60.4	52.1	51.5	57.1
overall quality of instruction	73.7	70.6	83.6	70.7	77.8	75.5	79.0	80.5	69.7	69.1	73.6
lab facilities and equipment	61.6	66.0	65.3	62.5	54.5	52.2	53.8	58.2	70.6	70.3	73.4
library facilities	67.8	86.8	65.2	63.1	54.2	54.3	60.7	50.4	76.5	77.4	70.4
computer facilities	68.8	75.5	72.4	67.1	62.9	61.2	65.1	64.4	71.0	72.2	61.9
oppty for interdisciplin courses	56.9	54.8	59.9	54.1	61.3	58.6	59.6	66.3	38.9	41.2	25.6
oppty to talk to professors	73.2	63.7	79.8	72.0	82.7	78.1	86.3	87.6	68.9	66.5	85.8
oppty for extracurr activities	76.9	78.3	81.4	72.2	79.7	77.2	77.5	84.7	66.2	65.5	71.7
campus social life	64.7	72.3	62.3	63.5	58.8	59.0	63.9	55.9	62.3	62.4	61.1
academic tutoring or assistance	61.1	59.9	59.2	57.6	67.6	65.5	66.7	71.2	52.4	52.7	50.3
academic advising	47.4	37.5	43.6	47.0	59.3	54.2	61.7	65.9	45.3	44.8	48.5
career counseling and advising	42.8	37.6	41.6	44.0	47.0	45.4	48.3	48.7	43.9	41.4	61.1
personal counseling	41.3	28.5	49.9	42.9	49.8	46.9	50.2	54.8	39.4	38.2	47.9
student housing	51.1	51.2	62.4	46.3	53.2	49.0	57.3	57.8	44.1	43.0	51.0
financial aid services	41.3	34.8	43.9	39.1	49.1	44.4	48.4	56.8	47.7	48.1	44.6
contact with faculty and admin	59.0	43.8	64.2	57.2	75.4	69.9	76.3	83.1	53.7	52.8	60.6
oppty to attend films,concerts	69.3	72.9	76.4	66.9	66.2	65.7	60.3	70.0	56.9	58.1	47.1
job placement services	41.0	43.2	41.6	41.4	38.2	35.0	38.3	43.0	40.0	40.8	32.9
campus health services	54.8	58.5	50.8	56.1	50.4	48.0	47.8	55.4	47.6	47.5	48.0
class size	72.4	50.1	84.8	74.9	89.3	87.8	89.4	91.5	68.0	65.9	83.9
interaction with other students	80.0	76.7	80.1	79.1	84.6	83.5	85.5	85.9	74.4	74.9	70.9
ability to find faculty/staff	61.6	50.8	62.7	59.4	74.7	71.5	73.2	80.3	54.0	52.9	62.3
diversity of the faculty	58.9	54.9	60.0	58.8	62.9	62.3	63.3	63.5	53.1	53.3	52.0
leadership opportunities	55.7	51.2	62.9	53.1	61.2	55.3	64.2	68.6	45.1	43.9	54.9
overall college experience	75.1	74.2	79.8	72.9	77.4	76.0	78.8	78.8	70.9	71.1	69.3
Enroll at Freshman College Again											
definitely yes	32.3	35.7	39.1	27.9	32.2	30.9	31.8	34.6	36.6	38.0	26.4
probably yes	29.6	30.8	28.1	30.6	27.6	27.0	31.9	26.2	29.6	31.0	18.8
don't know	4.6	2.9	5.5	5.4	5.3	5.6	4.4	5.1	4.1	2.5	16.3
probably not	18.9	17.0	17.4	20.1	19.8	21.3	18.2	18.4	16.2	15.9	18.5
definitely not	14.5	13.6	9.9	15.9	15.1	15.2	13.6	15.7	13.4	12.5	20.1

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Took Time Off, Withdrew or Transferred											
no	61.9	64.0	74.5	57.9	60.9	54.9	68.2	66.6	52.1	55.7	26.1
transferred	23.3	20.3	18.0	24.8	26.4	30.9	20.2	22.5	26.3	25.0	35.6
withdrew	6.4	5.7	1.9	8.2	6.3	7.0	5.1	5.9	11.6	9.5	26.8
leave of absence	8.3	10.0	5.5	9.1	6.3	7.2	6.5	4.9	10.1	9.9	11.4
Reasons Noted as Very Important for Taking Time Off (4)											
reconsider goals and interests	39.9	36.5	29.5	49.1	33.4	34.5	28.0	34.0	44.8	43.0	52.7
changed career plans	24.2	21.0	19.3	29.4	21.4	24.0	19.2	16.7	36.0	38.0	27.3
wanted practical experience	18.1	9.6	14.4	28.1	14.2	16.3	5.5	14.4	20.3	16.1	40.0
didn't "fit in"	23.9	19.4	29.5	30.4	19.0	16.5	21.1	23.4	16.4	18.2	8.0
was bored with course work	13.6	16.4	17.9	10.9	13.6	17.3	13.6	5.8	9.4	10.5	4.3
wanted better acad reputation	16.6	9.9	12.0	19.5	20.1	20.8	23.4	17.0	13.7	13.4	15.0
wanted better social life	15.0	7.8	19.9	18.2	16.6	15.0	11.6	22.5	4.3	3.8	6.9
wanted to be closer to home	15.6	10.9	13.3	20.2	14.2	9.7	9.0	26.9	9.1	10.0	5.2
had good job offer	5.0	3.5	4.3	6.1	5.2	5.8	2.8	5.1	11.5	12.4	7.4
wasn't doing well academically	26.4	31.2	21.3	30.8	16.7	18.4	17.0	13.0	15.4	16.6	9.9
family responsibilities	8.5	10.2	8.0	6.7	9.2	10.4	7.6	7.5	10.4	12.2	2.2
tired of being student	6.6	8.4	7.5	5.5	6.1	6.6	7.6	4.0	4.6	2.4	14.8
couldn't afford college	25.3	29.2	17.4	26.6	21.3	20.0	27.7	20.7	23.9	20.2	40.2
wanted wider course selection	21.8	9.5	28.1	21.9	31.8	31.0	29.9	34.6	18.1	16.1	27.0
worked on school-related project	1.6	1.0	2.6	1.8	1.7	2.3	0.0	1.5	2.0	2.4	0.0
ENROLLMENT STATUS											
First Year											
attended freshman college	98.5	99.0	99.6	98.4	97.7	98.3	98.9	96.3	99.0	98.9	100.0
attended different college	1.0	0.7	0.4	1.0	1.7	0.7	1.0	3.7	0.3	0.3	0.0
not enrolled	0.5	0.3	0.0	0.6	0.6	1.1	0.1	0.0	0.7	0.8	0.0
Second Year											
attended freshman college	78.7	78.0	86.7	77.2	78.8	76.4	84.9	79.3	76.1	79.3	53.1
attended different college	16.8	14.1	11.6	18.9	18.9	21.3	14.5	17.5	17.0	13.7	41.0
not enrolled	4.5	7.9	1.7	3.9	2.3	2.4	0.6	3.2	6.9	7.0	5.9
Third Year											
attended freshman college	68.3	69.9	80.5	65.0	66.8	63.4	74.0	67.8	47.6	52.4	14.4
attended different college	25.2	24.1	16.8	26.6	27.4	30.0	20.6	27.4	36.9	34.9	51.3
not enrolled	6.5	6.1	2.6	8.4	5.8	6.6	5.4	4.8	15.5	12.8	34.3
Fourth Year											
attended freshman college	72.4	75.7	82.2	66.7	72.7	70.3	74.6	75.4	45.8	48.7	18.1
attended different college	21.1	17.5	14.8	25.5	21.8	24.3	19.8	19.0	40.0	37.8	61.5
not enrolled	6.5	6.8	3.0	7.8	5.5	5.4	5.6	5.6	14.2	13.5	20.4

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Student Rated Self Above Average or Highest 10% in 1987											
academic ability	64.6	73.9	83.7	56.7	58.8	56.7	57.9	62.4	42.5	43.5	35.6
artistic ability	26.5	29.6	30.1	22.8	26.8	27.9	25.5	25.8	20.4	18.2	36.6
drive to achieve	65.9	68.3	76.7	61.7	65.3	65.0	64.2	66.4	55.0	54.5	58.5
emotional health	61.2	62.6	68.2	58.8	60.6	61.0	56.6	62.1	50.0	51.0	42.9
foreign language ability	33.1	37.0	43.5	28.6	31.5	31.4	33.0	31.0	23.8	24.8	16.4
leadership ability	55.2	55.3	67.4	51.1	56.2	54.8	51.9	60.8	43.2	41.8	53.1
mathematical ability	46.5	54.2	60.2	41.7	39.8	37.3	40.0	43.5	35.4	35.9	31.7
physical health	62.8	68.4	67.5	62.8	55.3	51.4	61.2	58.3	56.4	58.1	44.1
popularity	48.1	51.5	55.9	47.7	42.6	42.9	46.5	39.9	42.4	40.6	55.4
popularity with opposite sex	43.8	45.0	48.7	43.0	41.9	43.7	41.3	39.4	42.1	40.7	52.7
public speaking ability	33.0	35.6	44.2	27.8	33.3	32.8	33.4	34.1	25.1	24.5	29.3
self-confidence (intellectual)	55.1	61.1	71.2	48.6	51.9	52.8	48.5	52.4	41.6	39.3	58.4
self-confidence (social)	48.1	50.0	54.2	46.5	46.3	45.5	45.0	48.2	40.3	40.8	36.4
writing ability	45.7	47.9	62.0	44.7	39.8	39.1	42.1	39.6	34.7	35.8	26.3
in 1991											
academic ability	73.1	77.1	87.7	66.4	72.6	73.3	72.6	71.4	54.4	55.5	46.2
artistic ability	30.4	29.6	32.9	29.6	31.7	33.7	30.0	29.5	22.5	20.2	39.2
competitiveness	57.0	59.4	63.1	53.4	57.0	60.3	57.6	51.5	50.5	49.7	56.8
drive to achieve	69.6	72.4	77.4	65.0	69.9	69.7	71.1	69.4	60.2	59.8	62.6
emotional health	61.6	60.4	70.9	58.6	63.7	61.9	61.0	67.9	55.9	55.5	59.0
foreign language ability	34.6	34.8	44.3	31.1	35.8	38.8	31.9	33.2	21.5	22.3	15.7
leadership ability	64.3	61.6	74.9	62.9	65.5	63.9	64.3	68.7	53.3	51.4	67.2
mathematical ability	43.3	48.1	53.6	40.2	38.7	35.8	39.6	42.8	39.0	37.9	46.8
physical health	60.3	62.7	65.1	57.6	59.6	59.3	59.6	60.1	55.4	53.8	67.8
popularity	50.6	50.6	61.3	47.5	51.1	50.7	50.4	52.2	43.7	42.7	51.1
popularity with opposite sex	45.9	46.4	55.1	42.7	46.6	48.1	46.3	44.4	45.7	44.3	56.0
public speaking ability	44.9	42.4	53.4	44.3	45.6	43.9	47.5	47.0	36.7	35.5	45.5
self-confidence (intellectual)	66.8	69.2	79.6	59.9	68.8	68.6	68.2	69.5	54.2	53.2	61.7
self-confidence (social)	54.7	55.0	60.2	51.3	57.2	57.0	59.1	56.4	48.2	46.8	58.6
writing ability	60.6	60.7	71.2	59.0	59.3	59.2	62.3	57.8	48.3	49.6	38.2
Students Reporting At Least One Faculty Member Provided (5)											
advice/guidance about educ pgm	93.7	91.0	91.9	94.2	96.3	95.8	96.3	96.9	93.8	94.0	92.4
emotional support/encouragement	77.3	70.2	74.6	75.7	87.7	86.1	86.7	90.7	75.8	75.6	77.3
sponsorship for special programs	52.3	43.6	53.6	48.4	65.9	64.8	57.0	72.4	38.6	37.9	43.9
letter of recommendation for job	73.0	69.0	82.3	67.4	81.3	78.5	81.6	85.4	69.7	69.1	74.5
help cutting through "red tape"	61.9	54.5	61.9	59.4	72.8	71.3	70.3	76.4	56.4	57.0	52.3
tutorial assist in study skills	68.5	61.0	56.8	72.2	75.3	72.2	76.2	79.6	73.6	73.1	77.5
honest feedback about skills	86.5	82.2	85.8	86.0	91.8	90.8	92.6	92.7	83.9	83.0	90.4
intellect challenge/stimulation	91.9	90.5	94.8	91.0	93.6	92.6	94.4	94.7	85.0	84.4	89.1
role model	73.2	68.4	68.8	72.4	80.4	78.0	83.3	82.6	70.2	69.2	76.9

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Events Considered Very Likely to Occur (Reported in 1987)											
be elected to student office	3.8	3.5	5.4	3.2	4.3	5.0	4.1	3.3	2.8	2.8	2.9
be satisfied with college	53.8	55.9	63.1	47.5	56.2	53.7	56.8	59.7	52.0	53.0	45.3
change career choice	14.1	15.9	17.4	11.7	14.1	14.6	13.9	13.5	9.8	10.2	6.5
change major field	15.7	18.6	16.1	14.7	13.8	14.4	13.9	12.9	12.2	12.4	10.7
drop out permanently	0.6	0.5	0.3	0.5	0.9	1.5	0.2	0.3	0.7	0.7	0.6
drop out temporarily	1.2	1.0	1.9	0.4	2.1	3.6	0.3	0.9	0.4	0.3	1.2
get job to pay expenses	36.9	38.9	40.3	33.2	38.3	36.2	48.9	35.8	41.3	40.2	49.3
get married while in college	3.4	3.3	2.2	3.6	3.5	3.2	2.5	4.6	2.1	1.8	4.3
graduate with honors	13.4	14.4	17.9	11.7	12.9	13.8	13.0	11.5	6.8	6.9	6.7
join social frat or sorority	22.9	25.0	32.6	19.3	22.0	20.3	19.1	26.1	13.3	13.2	14.0
make at least "B" average	42.3	45.1	54.9	37.5	41.2	38.9	47.3	41.6	32.6	33.2	28.4
participate in student protests	5.7	6.8	7.0	3.0	7.2	8.4	5.5	6.1	6.7	7.1	4.0
play varsity athletics	16.8	9.9	19.9	18.0	21.6	18.1	22.8	26.4	11.8	10.5	21.1
transfer to another college	9.7	6.1	5.3	11.0	13.2	14.5	5.8	15.0	12.7	12.1	16.9
work at outside job	15.8	20.0	15.1	14.6	13.2	11.1	21.7	12.1	24.5	24.0	28.2
work full-time while attending	1.8	2.5	1.8	1.2	1.7	1.5	2.3	1.5	6.2	4.0	22.7
Events Occurring Since Entering College											
was elected to student office	18.6	15.3	20.8	16.1	24.7	23.2	23.0	27.9	14.7	15.1	11.7
was satisfied w/freshman coll(6)	74.2	73.3	78.9	71.8	76.5	74.7	78.2	78.5	69.9	70.2	67.8
changed career choice (6)	56.9	60.2	56.7	55.1	55.6	53.8	48.5	62.1	55.5	56.4	49.0
changed major field (6)	54.3	56.5	53.1	54.1	52.7	55.3	47.1	51.7	43.7	41.7	59.8
dropped out permanently (6)	6.3	5.6	1.9	8.1	6.2	6.9	5.0	5.7	11.2	9.2	26.4
dropped out temporarily (6)	8.1	9.8	5.5	8.9	6.2	7.1	6.3	4.7	9.8	9.6	11.2
had part-time job off campus	62.2	66.4	55.6	64.3	57.3	54.6	65.7	56.9	63.0	62.8	64.7
had part-time job on campus	46.0	44.9	50.5	37.9	55.9	50.0	58.2	63.9	33.8	33.3	37.4
got married	5.6	5.8	2.6	5.0	6.9	4.6	4.0	12.0	9.6	7.9	22.0
graduated with honors	14.1	11.8	19.2	11.6	18.0	16.9	18.7	19.3	9.3	9.5	8.3
in intercollegiate sports	25.8	18.8	29.8	23.2	35.1	35.4	32.0	36.2	18.8	17.5	28.4
joined a fraternity or sorority	26.3	30.2	38.2	22.0	24.0	24.0	11.4	30.8	11.5	12.4	4.2
made at least "B" average (6)	68.1	70.9	81.5	59.4	71.8	68.8	75.7	74.5	61.3	60.2	69.3
participated in student protests	19.4	20.1	24.0	14.9	22.7	27.1	18.5	18.1	8.6	9.3	3.7
transferred before graduating(6)	22.8	19.8	17.7	24.4	25.8	30.4	19.8	21.7	25.5	24.2	35.1
worked full-time while student	14.2	18.8	8.2	14.9	10.1	10.5	12.4	8.4	19.7	18.9	25.7
Other College Activities											
actively involved in student org	45.5	42.0	52.5	42.7	50.7	47.9	51.7	54.6	29.9	30.2	28.0
attd racial/cultural workshop	22.4	23.4	24.8	19.8	23.9	24.3	21.5	24.5	11.5	12.1	7.0
enrolled in ethnic std course	23.0	22.0	28.3	22.2	23.4	23.8	19.6	24.7	10.7	10.6	11.7
enrolled in honors program	28.3	25.3	38.5	25.2	32.2	33.9	25.7	32.9	20.7	19.4	30.3
enrolled in women's std course	15.7	16.1	16.7	13.8	17.4	20.2	15.2	14.4	6.2	6.7	2.8
faculty took interest in me	53.5	44.1	60.4	50.7	64.9	63.0	64.0	68.3	33.6	32.7	40.4
in college internship program	25.3	22.7	29.3	21.8	31.3	29.2	37.5	31.4	19.7	19.6	20.5
in social/ethnic student org	9.7	9.1	15.4	7.8	10.9	11.2	11.4	10.1	3.9	4.2	2.0
in study abroad program	8.8	5.8	17.6	3.3	16.0	17.3	10.2	17.2	2.1	1.6	5.7
participated in leadership class	18.5	17.2	16.1	19.4	19.6	17.8	21.0	21.6	13.0	13.7	7.7
participated in ROTC	4.3	6.3	5.4	4.5	1.7	1.4	2.1	1.8	2.6	2.9	0.5
served as residence advisor/asst	7.4	5.7	6.4	7.3	9.8	11.0	8.2	8.7	3.5	3.2	5.4
took remedial/develop class	8.8	5.9	4.2	12.3	8.8	8.6	11.8	7.5	12.9	13.0	11.9
worked on prof's research proj	14.6	15.6	18.6	12.9	14.5	14.8	12.7	15.2	9.8	10.2	7.1

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Activities in the Last Year											
Reported in 1987											
attended a religious service	85.4	84.8	85.9	84.3	87.3	84.5	91.3	89.5	79.2	79.4	78.2
attended recital or concert	83.0	82.4	87.2	82.1	83.4	85.3	80.2	82.1	73.9	74.9	67.0
did extra work for class (7)	11.2	10.6	14.4	11.3	10.8	11.0	12.5	9.7	8.3	8.3	8.6
didn't complete homework on time	72.2	69.5	71.6	74.6	72.2	72.0	69.3	74.1	60.8	60.1	65.5
drank beer	66.9	69.9	68.0	67.4	62.8	62.6	69.5	59.6	66.8	69.2	49.1
drank wine or liquor	71.0	72.8	70.4	71.3	68.7	69.0	74.4	65.2	67.0	67.9	59.7
felt depressed (7)	8.1	7.7	8.8	8.0	8.4	7.9	7.6	9.5	10.0	9.6	12.4
felt overwhelmed (7)	18.8	17.6	20.8	18.0	20.3	18.6	17.9	24.2	13.4	13.1	16.0
missed school due to illness (7)	4.9	3.9	6.0	4.7	5.7	7.6	4.0	3.7	5.2	5.0	6.8
overslept and missed class/appt	32.7	30.7	33.9	32.6	34.4	40.0	27.7	29.2	29.6	30.0	26.5
smoked cigarettes (7)	8.6	5.8	5.2	11.6	8.9	9.7	7.1	8.6	10.4	11.3	4.0
stayed up all night	78.5	81.7	75.5	77.5	77.5	77.6	75.4	78.6	73.1	72.6	76.8
studied with other students	90.3	90.4	91.5	89.4	90.8	90.1	89.7	92.4	85.8	85.1	91.8
tutored another student	50.7	55.7	66.1	45.8	46.8	46.7	48.3	46.3	40.0	41.2	31.2
used a personal computer (7)	27.2	28.5	35.3	25.0	25.9	25.9	24.7	26.4	24.8	26.0	16.0
was bored in class (7)	32.5	34.2	31.7	31.8	31.8	30.9	30.8	33.6	25.1	24.7	28.3
Reported in 1991											
attended a religious service	71.9	66.3	67.1	76.3	73.9	69.7	83.3	75.4	69.9	67.7	85.7
attended recital or concert	79.4	78.1	84.7	77.5	81.4	80.7	79.7	83.5	71.8	71.5	74.1
been guest in professor's home	28.6	19.9	31.1	20.7	47.0	45.6	34.0	56.0	15.8	14.9	22.2
been lonely or homesick	61.4	61.3	61.4	62.8	59.7	55.4	57.7	67.4	61.4	60.1	71.1
did extra work for class (7)	6.4	5.1	3.8	7.0	8.0	10.7	5.5	5.0	5.2	5.7	1.6
didn't complete homework on time	56.9	52.2	62.6	61.6	54.4	54.8	57.3	52.1	48.6	46.9	61.7
discussed course w/students (7)	66.8	63.6	68.7	66.2	70.3	72.1	66.2	69.7	54.1	53.7	57.2
drank beer	78.6	80.7	78.1	81.0	73.6	75.3	84.4	65.2	78.1	80.1	64.0
drank wine or liquor	81.4	82.3	83.8	82.0	78.8	78.6	86.4	75.1	77.2	79.7	58.8
felt depressed (7)	7.5	7.5	7.9	7.4	7.6	7.9	8.1	6.7	10.5	11.1	6.0
felt like leaving college	40.3	38.7	29.4	46.3	37.9	38.2	38.7	37.1	48.1	47.0	57.0
felt overwhelmed (7)	27.9	27.1	27.2	28.8	28.0	28.2	25.1	29.4	23.5	22.9	28.5
in anti-war demonstration	9.0	9.6	9.4	7.4	10.5	11.9	7.9	9.7	4.8	5.2	1.9
missed class due to illness (7)	4.6	3.4	3.0	5.9	4.6	6.2	3.3	3.0	4.2	4.5	1.4
overslept and missed class/appt	56.0	55.2	58.1	56.9	55.1	55.9	51.2	56.1	47.3	48.2	40.2
participated in demonstration	20.4	20.5	21.6	17.1	24.0	28.5	20.4	18.9	13.8	13.3	17.5
participated in intramural sport	45.9	43.9	55.3	42.8	49.1	46.1	54.7	50.6	38.4	36.6	52.4
performed volunteer work	62.2	59.4	60.6	60.7	67.7	65.7	62.4	73.6	45.9	44.8	54.4
received personal counseling	14.2	11.3	15.4	13.2	18.1	19.4	17.8	16.2	7.2	7.1	8.2
received voc/career counseling	56.8	55.9	56.4	53.2	62.4	62.0	59.2	64.7	46.8	48.0	38.3
smoked cigarettes (7)	11.8	10.0	7.2	15.5	10.3	11.9	10.0	8.0	12.1	11.8	13.8
stayed up all night	68.6	67.7	67.6	70.1	68.1	71.6	65.8	63.9	61.3	62.5	52.2
studied in the library (7)	32.0	33.3	32.7	30.3	32.3	35.5	33.3	26.9	28.3	30.1	13.7
studied with other students	89.4	89.0	91.8	90.6	87.5	85.4	90.8	89.0	82.7	83.1	80.0
took interdisciplinary course	50.6	48.4	62.7	43.5	58.3	59.9	54.9	57.6	29.2	29.3	28.6
tutored another student	50.6	49.6	51.4	49.0	53.2	52.2	58.3	52.2	48.7	47.8	55.5
used a personal computer (7)	59.1	57.8	70.7	53.1	64.4	63.6	63.4	66.1	52.1	52.0	52.5
was bored in class (7)	26.9	27.4	30.5	28.6	23.3	23.7	20.0	24.6	21.9	22.8	14.8
worked on grp projects in class	85.5	84.0	82.9	87.6	85.2	83.5	89.4	85.5	82.8	82.6	84.0
worked on ind research project	55.3	48.1	57.7	54.2	63.8	66.0	63.7	60.5	45.8	45.9	45.2

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
RESIDENCE PATTERNS											
Preferred for Fall 1987											
with parents or relatives	9.8	7.6	5.1	12.5	10.8	8.8	13.3	12.4	28.3	30.0	15.0
other private home,apt,room	26.7	28.3	17.3	30.8	23.5	27.3	19.5	20.0	38.3	39.2	31.7
college dormitory	45.4	40.8	61.8	41.7	49.2	47.3	49.6	51.9	22.7	21 5	32.0
fraternity or sorority house	9.5	12.3	9.4	8.3	8.0	6.4	8.1	10.3	5.0	4.3	9.9
other campus housing	7.1	9.0	5.2	5.8	7.3	9.6	8.1	3.6	4.4	3.4	11.4
other	1.4	2.1	1.1	1.0	1.2	0.7	1.5	1.8	1.4	1.6	0.0
Planned for Fall 1987											
with parents or relatives	14.9	13.2	11.2	19.1	12.8	11.4	23.9	8.8	59.6	63.1	32.8
other private home,apt,room	2.4	3.5	0.3	3.1	1.1	1.5	1.2	0.5	10.0	10.7	4.7
college dormitory	78.4	76.0	85.2	75.1	83.0	82.2	73.9	89.1	27.1	22.5	62.2
fraternity or sorority house	0.9	1.3	0.5	0.4	1.1	1.7	0.0	0.8	0.0	0.0	0.0
other campus housing	3.1	5.9	2.5	2.0	1.7	2.6	1.1	0.8	2.6	2.9	0.4
other	0.2	0.1	0.2	0.3	0.3	0.6	0.0	0.0	0.7	0.8	0.0
First Year											
with parents or relatives	14.5	12.4	11.4	18.4	12.9	11.3	24.6	9.3	58.1	61.2	34.6
other private home,apt,room	3.5	6.7	0.6	3.1	1.3	2.0	0.9	0.5	11.4	12.5	3.6
college dormitory	78.8	76.7	85.5	76.8	81.4	83.5	73.1	82.4	27.6	23.3	60.2
frat or sorority house	1.3	2.0	0.3	0.8	1.6	0.6	0.0	3.8	0.0	0.0	0.0
other campus student housing	1.7	1.8	2.3	0.8	2.5	2.0	1.4	3.9	2.4	2.5	1.6
other	0.2	0.4	0.0	0.1	0.2	0.4	0.0	0.0	0.5	0.6	0.0
Second Year											
with parents or relatives	18.2	18.7	10.4	22.1	15.2	13.9	23.5	12.7	55.6	57.0	45.4
other private home,apt,room	19.4	24.8	19.1	21.1	11.4	13.6	8.4	9.6	17.9	19.2	8.2
college dormitory	52.8	45.5	58.5	51.6	60.6	59.3	60.2	62.8	23.6	20.7	45.0
frat or sorority house	5.0	7.9	6.8	1.7	5.3	5.7	0.6	7.2	0.1	0.1	0.0
other campus student housing	3.7	2.2	4.7	2.6	6.4	5.4	7.0	7.5	2.2	2.3	1.5
other	0.9	0.8	0.5	0.8	1.1	2.1	0.3	0.2	0.7	0.7	0.0
Third Year											
with parents or relatives	20.6	23.5	11.5	22.8	17.6	17.0	24.2	15.0	26.9	24.8	45.9
other private home,apt,room	37.3	44.8	38.5	37.8	27.8	31.8	18.2	27.1	38.6	40.6	20.5
college dormitory	28.4	18.4	35.1	28.1	38.0	34.8	39.7	42.0	23.5	23.2	25.7
frat or sorority house	6.2	9.0	7.4	3.6	5.9	5.7	2.0	8.3	1.5	1.7	0.0
other campus student housing	5.9	3.1	6.7	6.1	8.8	7.8	14.9	6.8	6.6	6.5	6.8
other	1.5	1.2	0.8	1.7	1.9	2.9	1.0	0.8	3.0	3.2	1.2
Fourth Year											
with parents or relatives	19.6	15.7	14.1	27.1	16.7	14.8	27.1	13.7	26.6	25.6	36.3
other private home,apt,room	46.0	61.3	45.2	39.5	37.3	41.5	25.5	37.7	47.3	48.9	32.7
college dormitory	20.1	10.2	25.0	21.6	27.4	26.2	26.8	29.5	15.4	15.1	18.6
frat or sorority house	6.1	8.1	7.3	4.2	5.9	5.2	0.7	9.8	2.4	2.6	0.8
other campus student housing	6.6	3.2	7.9	6.0	10.6	9.3	18.2	8.4	5.5	5.0	10.3
other	1.6	1.5	0.6	1.7	2.0	2.9	1.7	0.9	2.8	3.0	1.3

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Objectives Noted as Essential or Very Important in 1987											
achieve in a performing art	13.7	12.0	17.5	12.6	15.5	16.4	14.4	14.7	10.0	7.3	30.1
be involved in environ cleanup	18.1	18.6	17.0	16.2	20.3	23.6	13.8	18.5	15.6	16.0	13.1
be successful in own business	52.3	53.6	47.9	51.6	53.3	55.8	49.1	51.7	45.8	44.5	55.3
be very well off financially	75.5	75.1	72.3	79.8	71.9	73.0	72.0	70.3	82.2	83.4	73.8
become authority in my own field	79.9	82.0	83.9	77.9	78.9	80.1	78.1	77.4	72.7	72.6	73.7
create artistic work	13.9	13.1	12.7	13.0	16.1	18.6	11.8	14.4	11.8	9.5	29.1
develop philosophy of life	45.0	48.8	47.4	40.4	45.9	48.0	42.5	44.6	30.7	30.7	30.5
have admin responsibility	44.4	46.6	45.1	42.9	43.7	42.4	46.4	44.1	45.5	47.1	33.6
help others in difficulty	60.0	57.5	62.7	57.2	65.0	63.9	59.2	69.8	57.2	55.9	67.3
influence political structure	19.7	19.1	23.8	19.4	19.3	21.4	18.3	16.4	9.3	9.7	6.7
influence social values	41.4	39.9	43.4	41.4	42.2	43.0	39.4	42.3	29.1	29.1	28.4
obtain recog from colleagues	62.0	65.1	64.6	58.3	62.4	65.3	62.2	58.1	55.6	54.6	63.4
participate in community action	22.0	24.1	23.1	17.4	24.9	24.4	19.0	28.9	16.8	16.5	19.1
promote racial understanding	34.2	35.5	36.0	31.2	36.0	37.3	28.8	37.8	23.7	23.7	23.8
theoretical contrib to science	13.8	18.5	15.6	11.4	11.3	10.8	9.3	13.0	13.7	14.5	7.8
write original works	13.9	14.4	17.0	12.2	14.3	16.0	12.3	12.8	10.6	11.0	7.5
in 1991											
achieve in a performing art	9.4	8.0	10.4	9.1	10.9	12.6	10.7	8.4	4.5	3.9	9.3
be involved in environ cleanup	36.9	34.9	37.4	38.7	36.6	38.6	39.4	32.0	34.7	36.3	22.5
be successful in own business	38.0	35.6	39.5	40.5	37.1	40.8	39.0	30.4	35.9	34.8	44.6
be very well off financially	59.8	59.9	56.5	64.2	55.4	58.9	58.2	48.3	67.8	67.3	71.5
become authority in my own field	69.1	70.2	69.8	67.1	70.2	72.4	72.1	65.8	63.5	63.2	65.8
create artistic work	13.9	11.6	14.8	13.2	17.1	17.9	15.1	17.0	9.1	7.3	22.0
develop philosophy of life	52.1	48.1	57.7	51.0	55.9	57.6	55.3	53.5	41.5	42.5	33.8
have admin responsibility	44.4	41.6	43.6	46.1	45.3	47.0	43.0	44.0	44.3	44.6	42.1
help others in difficulty	66.2	62.0	61.2	68.0	69.8	67.8	71.1	72.2	58.9	60.6	46.8
influence political structure	20.2	20.1	24.0	20.9	18.4	19.3	18.9	16.6	14.5	15.8	5.0
influence social values	44.0	39.3	43.1	45.1	47.7	48.2	50.1	45.8	33.1	33.2	32.3
keep up to date with politics	46.9	45.6	54.1	43.3	50.7	52.5	49.0	48.7	36.7	38.5	23.9
obtain recog from colleagues	57.0	59.0	56.1	58.1	53.7	55.1	59.8	48.2	49.4	47.7	62.0
participate in community action	26.7	22.8	26.5	27.4	29.9	31.0	29.5	28.5	20.5	20.9	17.1
promote racial understanding	37.3	34.2	39.0	37.7	39.4	40.3	38.7	38.5	30.3	31.5	21.1
raise a family	69.4	65.7	69.7	70.8	71.4	70.7	74.1	71.1	69.9	71.7	56.7
theoretical contrib to science	11.2	11.3	10.3	12.6	9.6	9.4	10.9	9.1	8.4	8.8	5.1
write original works	16.3	13.9	17.8	15.7	18.9	21.6	17.0	15.6	11.8	12.4	7.0
Diversity-Related Activities Reported in the Past Year											
dated one of diff eth grp (7)	5.6	5.6	9.7	4.6	5.6	5.9	5.9	5.0	6.6	7.3	1.7
dined w/diff race/eth grp (7)	26.7	26.9	41.1	21.9	28.1	27.1	30.2	28.5	20.4	20.1	23.0
excluded because of ethnicity	10.5	13.1	16.6	8.8	7.9	9.2	9.1	5.1	6.7	6.9	5.0
had roommate of diff ethnic grp	28.6	34.7	38.3	23.0	26.1	27.9	25.0	24.0	22.3	22.6	20.3
heard faculty make inapp remarks	23.3	21.5	19.8	28.6	19.8	18.4	18.7	22.6	18.6	19.2	14.4
insulted/threatened for ethnicty	11.7	15.1	10.9	11.8	8.3	9.9	8.7	5.6	8.7	8.5	10.5
pressed not to soc w/oth eth grp	15.6	20.0	17.7	14.1	12.0	13.2	11.1	10.8	11.7	12.2	7.7
socialized w/diff ethnic grp (7)	44.5	41.5	55.7	43.5	45.7	44.3	48.5	46.4	40.6	41.8	31.6
studied w/diff race/eth grp	70.6	72.7	80.1	64.2	73.4	73.0	79.1	71.1	65.8	67.2	55.4

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Political Orientation in 1987											
far left	2.2	3.2	1.7	1.2	2.4	2.9	1.7	2.1	2.0	2.1	0.9
liberal	21.5	22.7	22.2	18.3	23.8	28.8	23.2	16.3	16.6	16.4	18.6
middle of the road	55.3	55.5	51.8	58.7	52.2	48.2	54.1	57.3	63.7	66.5	42.3
conservative	19.9	17.2	23.5	20.6	20.8	19.5	20.3	23.2	17.4	14.7	37.6
far right	1.1	1.4	0.9	1.2	0.7	0.5	0.7	1.1	0.3	0.3	0.6
in 1991											
far left	2.7	1.9	2.0	3.2	3.0	4.1	1.5	2.3	0.3	0.4	0.0
liberal	25.6	25.6	31.4	22.5	27.6	29.0	25.0	26.8	23.0	23.8	16.4
middle of road	45.7	43.9	36.9	51.9	42.7	43.7	46.6	39.1	49.1	48.1	56.5
conservative	25.1	27.8	29.5	21.8	24.7	22.2	26.7	27.7	26.8	26.8	27.1
far right	1.0	0.8	0.2	0.6	1.9	1.1	0.3	4.1	0.9	1.0	0.0
Agrees Strongly or Somewhat in 1987											
abolish death penalty	23.6	22.5	24.1	24.7	23.3	22.3	26.3	23.4	18.5	18.4	19.0
abortion should be legalized	62.1	65.8	61.7	64.9	54.9	60.5	40.4	54.0	54.8	56.2	43.8
busing OK to achieve balance	55.4	54.4	50.1	58.2	54.7	55.5	55.8	52.8	58.0	57.7	60.7
college increases earning power	66.3	66.8	55.1	71.5	62.9	64.9	62.3	60.2	78.0	77.9	78.5
govt not controlling pollution	80.4	77.1	84.5	80.4	82.6	83.9	80.6	81.8	81.4	81.6	79.8
govt not promoting disarmament	71.6	71.0	71.6	69.5	74.5	72.2	73.8	78.5	69.5	68.2	79.5
govt not protecting consumer	63.0	62.1	61.5	65.0	62.0	59.6	64.8	64.1	66.5	65.7	72.6
increase fed military spending	25.3	22.8	23.4	28.8	24.3	26.7	18.1	24.2	23.8	21.3	42.6
live together before marriage	53.5	59.4	49.5	57.1	44.1	50.5	39.1	37.2	52.7	52.8	52.0
marijuana should be legalized	18.9	19.6	16.4	21.2	16.2	19.2	13.5	13.0	19.6	20.8	11.0
married women best at home	23.1	19.7	16.0	23.5	28.3	31.4	20.7	27.6	25.7	25.2	29.3
nuclear disarmanent attainable	55.4	53.8	56.9	56.5	55.4	54.3	55.0	57.1	57.1	57.7	52.4
prohibit homosexual relations	50.6	47.1	38.5	54.8	52.8	51.3	49.6	56.7	60.7	58.8	75.2
raise taxes to reduce deficit	25.8	24.8	30.4	22.9	29.2	32.5	22.2	27.9	20.8	21.7	14.6
too much concern for criminals	70.0	72.4	71.7	69.8	67.3	66.2	69.3	68.0	68.6	70.2	56.1
in 1991											
abolish death penalty	23.0	20.7	29.6	19.9	27.2	26.5	31.6	25.9	12.9	13.8	6.9
abortion should be legal	76.6	79.7	78.7	77.2	71.7	77.9	58.5	69.1	65.7	67.8	49.0
busing OK to achieve balance	47.9	47.5	47.2	44.9	52.2	53.3	52.6	50.4	50.6	52.1	39.4
college increases earning power	45.2	40.7	33.3	54.8	41.6	44.5	41.1	37.4	56.9	56.2	62.4
govt not controlling pollution	85.4	84.6	86.9	83.8	87.8	90.7	83.4	85.7	85.0	85.0	85.5
govt not promoting disarmament	63.1	58.9	57.6	67.1	64.4	65.3	63.8	63.1	59.3	58.3	66.3
govt not protecting consumer	63.8	60.4	54.2	66.0	67.7	70.0	63.9	66.4	64.4	63.5	71.2
increase fed military spending	13.3	13.3	10.5	14.1	13.0	12.7	12.4	13.8	16.3	15.9	18.6
live together before marriage	54.3	59.8	56.6	53.0	49.3	57.3	41.1	41.4	59.3	60.0	54.5
marijuana should be legalized	28.9	30.5	30.8	28.7	26.9	30.4	19.4	25.6	24.8	25.9	16.9
married women best at home	13.2	9.4	8.0	16.2	15.3	16.1	11.2	16.1	15.6	15.9	13.4
nuclear disarmament attainable	58.3	53.4	54.8	62.0	60.2	59.5	61.8	60.3	59.9	59.9	59.3
only volunteers in armed forces	53.9	55.6	56.4	53.0	52.5	56.1	42.4	52.4	49.7	48.6	58.0
prohibit homosexual relationship	26.1	21.2	17.5	31.7	26.9	24.7	23.5	32.0	37.0	35.0	51.2
raise taxes to reduce deficit	30.2	29.3	33.7	27.7	33.0	35.1	25.6	33.8	21.0	21.1	20.6
too much concern for criminals	64.6	61.4	56.3	71.1	62.5	60.1	60.3	67.4	71.8	71.6	73.6

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	51.7	51.2	54.3	51.4	51.7	53.1	58.3	46.0	41.1	42.3	32.7
problem-solving skills	30.6	32.5	34.2	27.5	31.3	30.1	33.4	32.1	23.7	24.1	20.4
knowledge of particular field	62.8	65.4	72.0	57.4	63.8	58.7	68.6	69.1	57.6	58.0	54.8
critical thinking ability	35.3	33.8	39.0	34.0	37.3	36.2	39.2	37.8	25.5	26.4	19.2
foreign language ability	7.1	7.3	13.5	5.2	7.2	5.8	6.9	9.6	6.6	6.9	4.0
job-related skills	34.5	34.8	37.9	34.4	33.0	28.4	36.0	38.6	37.0	36.0	43.8
religious beliefs & convictions	10.9	5.7	11.7	12.4	14.3	12.7	11.5	18.1	8.0	7.8	9.5
preparation for grad/prof school	24.2	23.0	28.6	23.5	25.0	23.5	23.7	27.9	13.2	12.6	17.0
leadership abilities	23.6	21.6	24.3	26.2	22.4	21.1	25.6	22.8	14.9	13.4	26.0
ability to work independently	34.1	32.5	35.6	35.6	33.6	33.8	36.1	32.1	32.7	31.4	41.9
interpersonal skills	29.2	29.7	32.9	26.3	31.2	30.9	32.1	31.2	24.1	25.3	15.5
cultural awareness	33.0	31.0	37.5	31.6	35.3	35.4	31.6	37.1	22.4	22.7	20.5
tolerance of different beliefs	24.3	23.0	25.4	22.8	27.2	24.5	25.7	32.2	18.2	19.0	13.0
acceptance of dif races/cultures	24.7	23.1	24.7	25.9	24.9	21.0	24.6	30.8	21.2	22.0	15.8
confidence in academic abilities	26.5	22.4	27.8	29.3	26.9	25.0	28.3	29.0	18.4	19.1	13.0
writing skills	22.2	18.1	24.9	22.4	25.5	25.5	24.3	26.3	14.6	15.6	7.0
public speaking ability	22.1	20.5	16.2	25.9	20.8	20.4	22.8	20.4	14.7	15.2	11.1
competitiveness	16.6	15.7	13.0	20.7	13.7	14.2	15.8	11.7	12.3	12.7	9.0
ability to work cooperatively	18.4	17.0	14.9	21.6	17.1	15.1	22.4	17.1	21.2	20.9	23.5
mathematical ability	10.1	11.4	9.7	11.0	7.8	7.5	9.2	7.6	12.4	13.1	7.9
reading speed and comprehension	13.4	10.9	12.5	16.3	12.6	12.3	15.2	11.6	9.8	10.2	6.5
ability to influence others	18.4	15.4	17.9	18.7	21.4	22.7	19.1	20.7	11.3	11.8	7.4
Miles from College to Home											
5 or less	4.0	3.6	3.7	4.1	4.2	2.7	7.0	5.1	10.1	10.9	4.1
6 to 10	5.9	5.0	6.0	6.9	5.7	6.0	10.5	2.6	23.8	24.4	19.3
11 to 50	21.7	17.7	16.1	28.0	19.8	18.9	28.0	16.8	37.2	38.6	27.5
51 to 100	17.4	19.8	7.7	20.8	13.6	11.7	16.3	15.1	12.0	11.4	16.6
101 to 500	37.0	44.5	33.2	30.2	38.7	39.0	29.2	43.4	14.6	13.5	22.9
more than 500	13.9	9.4	33.3	9.9	17.9	21.6	9.0	17.0	2.3	1.4	9.6

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987) (5)											
None											
socializing with friends	0.2	0.0	0.0	0.3	0.2	0.2	0.2	0.2	1.2	1.3	0.0
exercising or sports	3.6	3.0	2.7	3.4	4.6	6.2	2.5	3.4	3.2	3.2	2.7
partying	11.2	10.1	10.0	10.4	13.7	12.9	10.5	16.6	13.1	13.7	8.2
working (for pay)	23.7	20.4	35.6	19.4	28.8	30.5	23.5	28.9	22.1	23.0	15.4
student clubs and groups	26.0	23.3	18.3	31.4	24.9	25.3	23.9	24.8	32.3	30.9	42.8
watching TV	5.0	4.2	4.5	4.7	6.4	7.6	5.3	5.2	3.7	3.8	3.2
hobbies	10.6	10.0	6.6	11.5	11.4	13.5	8.4	9.9	11.9	12.5	7.3
studying or doing homework	1.6	1.6	4.1	1.2	1.2	1.7	0.8	0.7	0.8	0.9	0.0
talking w/teacher outside class	6.8	7.7	5.6	7.6	5.3	4.9	3.9	6.8	7.7	8.3	3.5
Six or More Hours											
socializing with friends	82.8	83.8	83.2	82.6	82.0	81.4	84.7	81.3	79.4	79.1	81.5
exercising or sports	52.1	53.4	52.9	52.8	49.5	49.3	56.3	46.1	49.0	47.1	63.2
partying	38.3	38.0	36.0	40.7	36.3	35.5	38.3	36.4	35.0	35.6	30.7
working (for pay)	64.1	66.7	50.8	68.5	60.5	58.8	67.1	59.7	66.5	66.1	69.7
student clubs and groups	16.1	18.2	23.4	11.4	17.3	17.6	14.4	18.5	15.1	16.2	7.4
watching TV	30.9	32.6	29.5	32.0	28.1	28.4	29.5	26.7	34.4	36.0	22.9
hobbies	27.6	24.9	26.7	31.7	25.6	25.3	24.4	26.8	28.1	27.1	36.0
studying or doing homework	46.6	47.9	61.0	39.5	49.5	51.4	51.6	45.4	40.2	42.5	23.2
talking w/teacher outside class	5.2	4.5	6.0	4.2	6.8	7.9	7.5	4.8	8.5	6.4	24.4
Sixteen or More Hours											
socializing with friends	38.6	40.6	38.0	38.5	36.7	35.8	37.9	37.5	38.3	39.1	32.2
exercising or sports	17.3	17.2	19.1	18.9	14.9	13.6	18.3	15.1	17.5	17.4	17.9
partying	9.4	7.8	7.5	11.6	9.1	8.3	8.3	10.8	13.7	14.1	10.8
working (for pay)	37.1	39.8	24.5	39.6	35.3	32.6	38.0	38.1	42.7	41.4	52.4
student clubs and groups	3.1	4.0	3.4	2.1	3.1	3.1	2.9	3.2	3.2	3.4	1.5
watching TV	6.7	8.4	5.6	6.1	6.0	6.7	6.4	4.7	7.2	7.5	4.7
hobbies	6.3	7.5	5.2	6.3	5.2	6.2	6.2	3.0	6.3	6.5	4.3
studying or doing homework	8.1	7.8	15.1	4.7	10.2	12.1	9.8	7.5	4.5	4.8	2.5
talking w/teacher outside class	0.9	0.6	0.5	0.7	1.5	1.9	1.6	0.8	1.9	2.1	0.6

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (5)											
None											
socializing with friends	0.7	1.4	0.0	0.2	0.6	1.2	0.0	0.1	1.1	1.3	0.0
exercising or sports	3.2	2.8	2.7	3.8	3.2	3.8	3.6	1.9	3.2	3.5	1.1
reading for pleasure	13.7	15.3	10.5	13.7	13.0	10.9	11.4	17.2	15.5	16.0	11.2
using a personal computer	11.9	11.6	4.8	14.2	11.4	11.9	9.8	11.5	17.9	17.8	19.1
partying	12.6	10.9	10.0	12.4	15.4	14.6	9.8	19.6	15.7	13.7	30.5
working (for pay)	18.6	17.5	28.0	18.7	16.5	19.5	12.2	14.2	21.7	22.3	16.9
clubs and groups	31.3	31.8	22.8	34.0	30.2	31.4	26.2	30.4	45.6	44.8	51.1
watching TV	4.5	3.6	7.1	3.7	5.6	6.9	3.3	5.0	1.0	0.8	2.7
commuting	36.1	31.6	42.4	36.1	38.9	36.8	36.2	43.6	29.2	30.6	19.3
religious services or meetings	41.4	46.4	50.1	40.0	35.2	40.6	21.9	34.1	40.1	41.7	28.0
hobbies	20.2	23.6	19.0	18.4	18.9	19.6	17.1	19.0	14.9	15.9	7.3
classes and labs	5.5	3.9	2.4	7.0	6.4	7.2	5.2	6.0	17.0	17.5	13.5
studying or homework	4.7	3.9	2.1	5.1	5.9	7.0	3.7	5.3	13.4	13.7	10.9
talking w/faculty outside class	15.1	17.2	11.1	16.5	12.2	14.4	11.3	9.3	30.1	29.3	36.1
Six or More											
socializing with friends	78.4	77.0	81.8	77.8	79.8	79.4	82.1	79.2	72.5	73.7	63.9
exercising or sports	35.5	34.2	40.1	33.4	37.9	36.6	44.7	36.4	35.7	35.4	37.5
reading for pleasure	12.6	11.3	11.3	14.3	12.5	12.6	12.9	12.0	15.3	16.1	9.4
using a personal computer	31.2	29.1	40.2	29.0	33.3	35.5	33.6	29.9	34.9	34.4	37.9
partying	37.2	34.1	41.7	39.7	36.0	35.8	42.8	32.8	34.8	36.0	26.1
working (for pay)	71.3	73.3	59.6	72.5	71.2	69.1	76.7	71.7	69.6	69.2	72.6
clubs and groups	15.6	15.6	21.7	14.0	15.6	16.1	14.7	15.3	9.2	8.8	12.7
watching TV	37.7	41.6	36.1	40.1	31.1	32.9	36.0	25.7	47.8	46.7	56.7
commuting	14.5	13.4	9.9	17.1	13.8	15.6	18.6	8.6	20.1	18.7	30.2
religious services or meetings	2.8	1.4	1.5	3.8	3.6	4.7	1.1	3.4	2.1	2.1	1.7
hobbies	13.0	11.5	13.5	14.1	13.1	15.5	13.2	9.2	13.6	13.9	10.9
classes and labs	88.0	89.5	91.6	86.3	87.4	87.2	86.2	88.2	72.3	74.1	59.7
studying and homework	71.9	75.5	77.0	66.4	73.4	71.2	76.6	75.1	60.8	62.6	47.7
talking w/faculty outside class	2.5	1.3	1.1	2.5	4.1	6.1	2.7	1.8	2.2	1.7	5.5
Sixteen or More											
socializing with friends	35.9	31.5	40.3	36.1	39.0	40.5	40.9	35.5	30.9	31.7	25.3
exercising/sports	9.1	7.1	11.6	9.4	10.1	11.5	11.6	7.1	9.4	9.9	5.8
reading for pleasure	1.9	2.2	1.8	1.2	2.6	3.4	0.8	2.3	1.9	2.1	0.5
using a personal computer	10.9	8.5	10.6	12.8	11.0	12.1	9.6	10.0	17.8	17.2	22.1
partying	9.3	8.2	9.3	10.2	9.4	9.1	12.4	8.2	8.1	8.6	4.7
working (for pay)	44.6	50.4	30.0	47.4	39.5	37.7	44.7	39.5	52.5	51.5	60.1
clubs/groups	3.5	3.8	5.6	3.1	3.2	4.0	2.8	2.0	1.4	1.5	0.6
watching TV	8.7	8.8	8.7	10.6	6.1	6.9	6.9	4.4	10.0	10.2	8.7
commuting	2.5	1.7	1.6	3.1	2.9	3.1	4.3	1.8	2.8	2.9	2.1
religious services/meetings	0.5	0.4	0.2	0.6	0.5	1.0	0.4	0.0	0.0	0.0	0.1
hobbies	2.6	2.1	2.4	2.6	3.1	4.4	1.5	1.8	1.8	1.9	0.9
classes/labs	40.5	40.8	35.7	41.9	39.8	41.0	39.2	38.1	36.8	38.0	27.8
studying/homework	27.1	27.7	34.3	24.0	28.1	27.6	26.4	29.8	21.7	22.3	17.1
talking w/faculty outside class	0.4	0.6	0.3	0.0	0.7	1.3	0.2	0.2	0.0	0.0	0.0

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Religious Preference in 1987											
Baptist	12.3	10.6	8.4	15.9	10.8	12.6	3.4	11.9	8.0	4.9	29.9
Buddhist	0.3	0.3	0.6	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Congregational (UCC)	1.1	1.4	1.1	0.8	1.2	1.3	0.6	1.4	2.5	2.6	1.7
Eastern Orthodox	0.7	0.9	1.2	0.4	0.7	0.8	0.9	0.3	0.1	0.1	0.0
Episcopal	5.3	3.3	5.2	5.8	6.7	8.6	1.5	6.6	1.9	1.9	2.3
Islamic	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0
Jewish	3.6	6.3	9.4	0.7	2.6	3.9	0.5	1.6	0.8	0.8	0.7
Latter Day Saints (Mormon)	0.3	0.4	0.0	0.3	0.1	0.2	0.0	0.1	0.6	0.7	0.0
Lutheran	7.2	7.4	3.8	8.5	6.5	4.2	4.7	11.0	11.0	11.3	8.4
Methodist	7.9	8.4	4.9	8.1	8.1	6.6	3.6	12.7	8.2	8.9	3.0
Presbyterian	5.4	6.9	5.6	4.6	4.9	4.2	1.5	7.8	5.8	5.8	5.9
Quaker (Society of Friends)	0.2	0.2	0.0	0.1	0.4	0.6	0.0	0.2	0.0	0.0	0.0
Roman Catholic	32.7	32.4	39.6	32.7	30.9	26.7	75.7	13.9	42.6	44.7	27.1
Seventh Day Adventist	0.2	0.1	0.1	0.5	0.1	0.1	0.0	0.1	0.0	0.0	0.0
other Protestant	6.3	4.2	2.8	6.0	9.9	9.1	1.8	15.4	4.3	3.8	8.1
other religion	4.7	3.9	2.7	4.5	6.5	6.9	1.0	8.7	5.2	4.8	8.4
none	11.8	13.3	14.8	10.8	10.5	13.9	4.7	8.4	8.9	9.5	4.6
in 1991											
Baptist	11.6	8.5	6.2	15.5	11.7	12.1	4.0	15.4	8.2	5.0	31.3
Buddhist	0.3	0.4	0.3	0.4	0.2	0.4	0.0	0.0	0.0	0.0	0.0
UCC	0.9	0.7	0.6	1.2	0.6	0.5	0.4	1.0	3.7	4.1	0.6
Eastern Orthodox	0.6	0.8	1.0	0.4	0.5	0.8	0.2	0.3	0.1	0.1	0.0
Episcopal	5.1	3.1	5.6	5.7	6.5	7.5	1.0	7.9	3.9	4.2	2.2
Islamic	0.1	0.1	0.0	0.0	0.3	0.5	0.0	0.2	0.2	0.2	0.0
Jewish	3.4	5.6	9.1	0.7	2.7	4.4	0.5	1.3	0.9	1.0	0.7
Latter Day Saints (Mormon)	0.3	0.5	0.0	0.3	0.2	0.3	0.0	0.1	0.9	1.0	0.0
Lutheran	7.1	8.2	3.6	7.5	6.7	4.7	4.3	11.2	10.8	9.2	22.4
Methodist	7.4	8.1	4.6	7.4	7.5	5.9	3.6	12.1	9.0	9.6	4.7
Presbyterian	4.9	5.6	5.8	3.6	5.5	4.2	1.8	9.6	5.2	5.6	2.5
Quaker	0.2	0.2	0.0	0.0	0.3	0.5	0.0	0.2	0.1	0.0	0.4
Roman Catholic	31.4	31.4	36.4	31.8	29.3	25.2	72.1	12.4	36.6	39.7	13.9
Seventh Day Adventist	0.2	0.0	0.0	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0
other Protestant	6.9	7.1	4.4	4.7	10.1	12.4	2.4	10.7	8.0	8.1	7.3
other religion	5.0	4.7	2.2	5.9	5.1	5.4	2.9	5.9	3.0	2.3	7.8
none	14.5	15.0	20.2	14.3	12.6	15.2	6.8	11.6	9.5	9.9	6.2
Plans for Fall 1991											
attend college full-time	40.3	47.2	24.7	49.1	26.8	28.8	23.3	25.5	38.6	39.4	32.2
attend college part-time	7.4	6.5	2.6	10.8	5.4	3.3	5.0	8.9	11.8	11.5	13.8
attend graduate school	13.3	13.5	24.9	7.5	16.9	15.0	16.5	20.1	4.7	4.6	5.9
attend vocational program	0.8	0.3	0.5	1.3	0.8	0.8	1.0	0.7	0.7	0.7	1.2
work full-time	42.3	37.9	44.3	35.7	54.7	53.6	58.3	54.4	52.6	51.4	61.4
work part-time	29.1	33.9	17.2	34.9	20.4	20.7	22.3	19.1	26.4	26.5	25.3
serve in Armed Forces	2.7	2.0	1.3	4.8	1.1	1.3	1.5	0.7	2.4	2.5	2.3
travel	6.0	5.3	8.1	3.9	8.6	9.2	6.0	9.0	4.3	4.6	2.2
do volunteer work	10.4	11.4	13.3	8.6	10.7	11.1	10.4	10.3	6.4	6.3	6.6
stay at home	6.4	4.3	5.0	7.2	7.8	9.4	5.4	6.7	8.4	8.9	5.1

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Career in 1987 (5,8)											
artist or performer	8.3	5.9	10.3	7.4	11.5	13.9	8.7	9.5	6.0	4.2	18.2
business	22.6	20.9	20.2	22.9	24.8	25.6	28.7	21.5	24.4	24.9	20.4
clergy	0.3	0.0	0.1	0.2	0.9	0.9	0.7	1.1	0.1	0.0	0.6
college teacher	0.5	0.4	0.4	0.5	0.5	0.3	0.1	0.9	0.8	0.8	0.5
doctor (MD or DDS)	6.0	9.3	11.4	1.8	5.9	6.9	4.5	5.3	0.9	1.0	0.7
education (secondary)	4.6	5.4	1.7	5.5	3.7	2.2	3.7	6.0	4.2	4.4	3.1
education (elementary)	4.1	1.9	1.2	6.5	4.3	2.9	4.4	6.3	5.7	5.6	6.3
engineer	8.5	12.3	13.7	6.6	5.2	4.8	3.4	6.7	11.7	12.9	3.7
farmer or forester	0.5	0.7	0.0	0.4	0.5	0.6	0.3	0.6	1.6	1.6	1.3
health professional	4.8	5.2	2.2	5.9	3.9	2.3	6.7	4.6	5.5	6.2	0.7
lawyer	6.5	4.5	11.1	7.3	6.1	5.2	7.3	6.8	1.9	2.0	1.2
nurse	1.6	0.9	0.7	2.5	1.5	0.8	3.3	1.6	2.4	2.6	1.0
research scientist	2.0	2.8	1.7	1.7	1.6	1.3	1.3	2.1	1.9	2.1	0.9
other	17.0	16.5	11.6	18.8	17.0	17.7	17.0	16.1	22.3	20.8	33.2
undecided	12.7	13.4	13.8	12.0	12.4	14.5	9.9	10.8	10.7	11.0	8.3
in 1991 (5,8)											
artist or performer	6.2	5.4	9.2	3.7	9.3	11.6	8.4	6.3	4.5	2.5	20.8
business	24.4	23.3	25.3	23.9	25.7	26.2	29.7	22.8	26.6	27.6	19.0
clergy	0.6	0.6	0.1	0.1	1.4	1.7	0.2	1.5	0.1	0.1	0.3
college teacher	2.3	1.8	4.4	1.9	2.8	2.9	1.9	3.1	0.9	1.0	0.0
doctor (MD or DDS)	3.4	4.2	6.8	2.2	2.9	3.4	2.9	2.1	0.4	0.4	0.2
education (secondary)	5.0	4.8	2.3	5.6	5.3	4.2	5.3	6.9	5.1	5.2	4.5
education (elementary)	8.2	7.4	2.1	11.5	6.9	5.1	7.6	9.3	8.8	9.1	6.4
engineer	4.9	7.2	7.3	4.1	2.8	3.0	2.2	2.8	9.4	9.8	6.6
farmer or forester	0.7	0.9	0.2	0.8	0.8	1.0	0.4	0.6	1.0	1.0	1.2
health professional	3.8	5.6	2.4	3.1	3.1	2.3	2.9	4.4	3.9	4.4	0.0
lawyer	4.5	4.9	9.6	2.9	4.6	4.9	5.4	3.6	1.1	1.3	0.0
nurse	3.3	2.1	1.2	5.9	2.1	2.1	3.0	1.6	2.7	2.7	3.2
research scientist	2.0	1.8	1.6	2.2	2.0	2.3	2.2	1.3	1.6	1.6	1.6
other	24.4	23.6	21.5	26.4	23.7	21.3	21.1	28.7	30.9	30.4	35.0
undecided	6.4	6.6	6.1	6.0	6.8	7.9	6.8	5.0	2.9	3.0	1.4
Permission to Use Student ID/SSN in 1987											
yes	80.3	77.7	77.1	84.2	79.5	77.6	80.7	82.3	70.1	69.6	73.5
no	19.7	22.3	22.9	15.8	20.5	22.4	19.3	17.7	29.9	30.4	26.5
in 1991											
yes	71.9	70.0	73.8	72.1	73.1	70.3	73.8	77.0	68.2	69.5	58.4
no	28.1	30.0	26.2	27.9	26.9	29.7	26.2	23.0	31.8	30.5	41.6

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Major in 1987 (5,8)											
agriculture	0.6	1.4	0.0	0.4	0.1	0.0	0.0	0.4	3.1	3.4	1.1
biological science	4.5	6.6	3.8	2.7	4.5	4.6	4.2	4.6	1.9	2.1	0.2
business	23.9	22.5	18.9	24.3	26.4	26.2	31.0	24.1	26.9	27.0	25.8
education	8.0	6.2	1.6	11.2	8.0	6.3	7.4	11.0	11.5	11.9	8.4
engineering	9.7	13.4	14.8	8.7	5.5	4.9	4.0	7.1	12.6	13.8	4.3
English	1.4	0.7	3.8	0.7	2.3	2.4	2.5	2.0	0.1	0.1	0.0
health professional	7.4	9.0	9.2	6.2	6.8	6.6	9.1	5.8	6.4	6.8	2.8
history or political science	6.3	4.8	9.7	7.5	5.5	5.5	4.7	6.0	1.7	1.8	1.5
humanities	2.6	1.7	3.2	2.5	3.6	4.2	3.9	2.5	1.8	2.0	0.6
fine arts	4.8	3.8	6.0	3.4	7.3	9.2	4.3	5.7	4.8	2.6	20.7
mathematics or statistics	0.7	0.8	0.8	0.6	0.8	0.6	1.0	0.9	0.7	0.7	0.4
physical sciences	1.9	3.0	2.4	1.2	1.5	1.4	1.8	1.5	2.0	1.5	5.3
social sciences	6.5	7.1	8.1	4.5	7.6	6.7	8.0	8.9	3.1	2.7	6.3
other technical	3.5	2.7	2.0	4.6	3.3	3.0	2.4	4.1	6.3	5.7	10.0
other non-technical	8.3	8.4	8.5	7.8	8.7	8.6	9.2	8.6	10.6	10.7	10.1
undecided	9.9	7.9	7.3	13.8	8.1	9.6	6.5	6.5	6.5	7.1	2.7
Reported in 1991 (5,8)											
agriculture	0.8	1.5	0.2	0.8	0.2	0.3	0.1	0.2	1.6	1.7	0.9
biological science	5.1	5.5	4.4	4.1	5.9	6.2	6.0	5.6	2.1	1.8	4.7
business	20.3	19.1	14.8	23.0	20.2	16.1	25.9	23.0	28.5	29.2	22.5
education	11.5	10.3	3.8	15.5	10.5	8.6	10.1	13.4	12.8	12.8	12.6
engineering	6.3	9.2	10.5	5.5	2.6	2.9	2.7	2.0	8.5	9.1	4.0
English	4.3	3.2	6.6	3.6	5.7	6.0	5.9	5.2	1.4	1.3	1.7
health professional	5.0	4.9	1.6	7.6	3.1	3.5	3.6	2.1	4.9	5.1	3.4
history or political science	8.2	7.3	14.4	5.6	10.4	12.0	8.7	9.1	3.4	3.8	0.5
humanities	3.2	2.4	4.5	2.4	4.9	6.5	3.7	3.1	4.2	2.1	21.4
fine arts	4.7	4.3	4.9	3.8	6.3	6.7	5.4	6.0	1.8	1.1	7.8
mathematics or statistics	1.3	1.2	1.2	1.0	1.7	1.8	1.0	1.9	1.8	2.0	0.2
physical sciences	1.9	1.9	1.9	1.9	1.7	2.2	1.0	1.4	2.1	2.3	0.5
social sciences	13.4	12.6	18.1	12.1	14.4	14.5	13.1	15.0	7.1	6.9	8.5
other technical	4.8	5.7	2.3	5.7	3.5	4.1	3.8	2.5	5.5	6.0	2.0
other non-technical	8.7	10.3	10.4	6.7	8.6	8.4	8.5	9.0	13.5	14.0	9.3
undecided	0.5	0.6	0.3	0.8	0.3	0.2	0.4	0.4	0.7	0.8	0.0
Probable Graduate Major (5,8)											
agriculture	0.2	0.5	0.0	0.2	0.1	0.1	0.1	0.1	0.7	0.8	0.0
biological science	2.9	2.4	1.9	3.1	3.6	3.5	3.8	3.7	3.3	2.6	8.3
business	20.4	24.1	20.5	20.1	17.1	16.3	22.0	16.1	22.4	22.4	21.8
education	10.0	8.5	4.7	11.4	12.1	11.4	14.5	11.8	13.7	12.9	18.8
engineering	4.9	6.1	5.4	5.2	3.1	3.1	2.3	3.4	5.0	5.6	1.0
English	4.2	1.9	1.6	9.0	2.4	2.3	3.7	1.8	3.2	3.1	3.8
health professional	9.4	10.5	7.8	8.7	9.6	13.0	7.3	6.2	9.4	10.0	5.9
history or political science	3.6	2.8	6.6	3.0	3.7	3.4	4.2	3.7	5.0	5.4	2.4
humanities	2.9	1.9	3.4	1.8	4.8	6.2	2.8	3.9	1.3	1.2	2.1
fine arts	3.9	2.7	4.5	2.8	6.1	6.3	1.5	7.8	2.2	0.6	13.2
mathematics or statistics	0.6	0.5	1.0	0.3	0.7	0.4	0.2	1.4	1.0	1.1	0.0
physical sciences	1.3	1.4	0.7	1.3	1.5	1.9	1.9	0.8	2.2	2.3	1.0
social sciences	11.7	10.2	10.4	12.5	12.8	13.6	11.8	12.1	10.4	11.5	3.4
other technical	4.1	3.1	4.6	3.8	5.2	2.3	4.3	9.5	6.1	6.7	1.8
other non-technical	15.6	20.0	23.9	11.4	12.8	11.6	17.1	12.5	11.8	11.3	15.2
undecided	4.2	3.5	2.9	5.3	4.3	4.5	2.4	4.9	2.3	2.5	1.3

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
DISAGGREGATED RESPONSES											
Probable Career in 1987											
accountant or actuary	5.2	5.4	2.9	6.0	4.8	3.2	7.3	5.8	7.2	7.5	5.1
actor or entertainer	1.1	0.4	1.2	1.5	1.4	1.9	0.9	1.0	0.0	0.0	0.0
architect or urban planner	1.0	1.9	0.8	0.5	0.6	1.1	0.0	0.2	2.7	2.0	8.1
artist	2.8	1.0	0.7	2.8	5.3	7.8	1.5	3.8	2.0	0.0	16.1
business (clerical)	0.6	0.4	0.2	1.0	0.3	0.3	0.0	0.4	1.6	1.2	4.0
business executive (management)	11.8	9.6	13.4	10.9	14.8	17.7	14.9	10.6	12.7	12.9	11.4
business owner or proprietor	4.1	3.4	3.0	5.1	4.0	4.0	3.9	4.0	2.2	2.0	4.0
business salesperson or buyer	1.4	2.5	0.9	0.9	1.2	0.7	2.6	1.1	2.2	2.6	0.0
clergy (minister,priest)	0.2	0.0	0.1	0.2	0.5	0.3	0.5	0.9	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.0	0.0	0.4	0.6	0.2	0.2	0.1	0.0	0.6
clinical psychologist	1.7	1.8	1.5	1.7	1.7	1.3	2.5	1.8	0.8	0.8	1.1
college teacher	0.5	0.4	0.4	0.5	0.5	0.3	0.1	0.9	0.8	0.8	0.5
computer programmer or analyst	2.0	1.1	1.3	3.4	1.4	1.5	1.1	1.5	3.3	2.7	7.5
conservationist or forester	0.3	0.5	0.0	0.3	0.2	0.4	0.2	0.1	0.8	0.9	0.6
dentist (including orthodontist)	0.6	1.4	0.8	0.2	0.3	0.3	0.2	0.4	0.1	0.2	0.0
dietitian or home economist	0.2	0.4	0.1	0.2	0.1	0.0	0.0	0.2	0.5	0.5	0.4
engineer	8.5	12.3	13.7	6.6	5.2	4.8	3.4	6.7	11.7	12.9	3.7
farmer or rancher	0.2	0.2	0.0	0.1	0.3	0.2	0.1	0.5	0.7	0.7	0.7
foreign service worker	1.6	1.8	2.7	0.8	1.9	2.2	0.7	2.2	0.1	0.1	0.0
homemaker (full-time)	0.1	0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.5
interior decorator or designer	0.8	0.6	0.4	1.0	0.9	0.8	2.3	0.4	0.1	0.0	1.1
intepreter (translator)	0.3	0.2	0.0	0.3	0.5	0.7	0.5	0.1	0.0	0.0	0.0
lab technician or hygienist	0.3	0.3	0.0	0.3	0.2	0.0	0.7	0.3	1.1	1.2	0.0
law enforcement officer	0.6	0.3	0.1	0.6	0.9	1.0	1.7	0.4	1.1	1.1	1.5
lawyer (attorney) or judge	6.5	4.5	11.1	7.3	6.1	5.2	7.3	6.8	1.9	2.0	1.2
military service (career)	1.5	1.5	0.2	2.9	0.4	0.3	0.6	0.3	0.6	0.5	1.6
musician (performer,composer)	1.0	0.3	2.3	1.0	1.3	1.1	1.4	1.5	2.3	2.4	1.0
nurse	1.6	0.9	0.7	2.5	1.5	0.8	3.3	1.6	2.4	2.6	1.0
optometrist	0.3	0.4	0.2	0.2	0.3	0.1	0.4	0.4	0.1	0.1	0.3
pharmacist	0.7	0.9	0.4	0.6	0.6	0.8	0.5	0.5	0.4	0.5	0.0
physician	5.4	7.9	10.7	1.6	5.6	6.6	4.3	4.9	0.8	0.8	0.7
school counselor	0.3	0.4	0.3	0.2	0.2	0.1	0.0	0.4	0.1	0.0	0.8
school principal, superintendent	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.0
scientific researcher	2.0	2.8	1.7	1.7	1.6	1.3	1.3	2.1	1.9	2.1	0.9
social,welfare,recreation worker	1.2	0.3	0.5	1.1	2.5	2.3	2.7	2.6	1.4	1.4	1.6
statistician	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
therapist (phys,occup,speech)	2.4	1.9	1.5	3.7	1.7	0.6	4.4	1.8	2.8	3.2	0.0
teacher (elementary)	4.1	1.9	1.2	6.5	4.3	2.9	4.4	6.3	5.7	5.6	6.3
teacher (secondary)	4.4	5.0	1.2	5.3	3.5	2.1	3.6	5.6	4.0	4.2	2.3
veterinarian	1.0	1.4	0.0	0.8	1.0	0.7	0.6	1.4	0.5	0.6	0.0
writer or journalist	2.6	3.6	5.5	1.2	2.5	2.2	2.4	2.9	1.6	1.8	0.0
skilled trades	0.3	0.3	0.1	0.1	0.6	1.1	0.1	0.2	1.8	2.0	0.3
other	6.2	6.8	4.1	6.3	6.0	5.5	6.9	6.3	8.6	8.9	7.0
undecided	12.7	13.4	13.8	12.0	12.4	14.5	9.9	10.8	10.7	11.0	8.3

1991 FOLLOW-UP OF 1987 FRESHMEN
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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Probable Career in 1991											
accountant or actuary	4.6	5.9	3.8	3.8	4.6	3.2	7.6	5.1	7.7	8.1	3.9
actor or entertainer	0.8	0.3	1.1	0.4	1.6	2.8	0.7	0.2	0.1	0.1	0.0
architect or urban planner	0.6	1.0	1.1	0.2	0.4	0.2	0.6	0.7	0.8	0.7	2.1
artist	1.8	1.8	0.5	0.7	3.4	4.5	2.8	2.1	2.3	0.4	17.2
business (clerical)	0.8	0.8	0.3	0.5	1.3	2.1	0.2	0.8	3.1	3.1	3.8
business executive (management)	12.9	12.9	13.9	12.3	13.5	13.2	16.3	12.5	12.6	12.4	13.7
business owner or proprietor	4.0	1.8	4.5	4.3	5.7	8.3	2.6	3.5	3.9	4.4	0.0
business salesperson or buyer	2.8	2.7	3.1	3.6	1.9	1.5	3.2	1.7	2.5	2.7	1.4
clergy (minister,priest)	0.3	0.2	0.0	0.0	0.9	1.3	0.2	0.7	0.0	0.0	0.0
clergy (other religious)	0.2	0.3	0.1	0.1	0.4	0.4	0.0	0.7	0.1	0.1	0.3
clinical psychologist	1.5	0.6	1.8	1.7	2.3	1.7	4.4	2.1	0.5	0.6	0.0
college teacher	2.3	1.8	4.4	1.9	2.8	2.9	1.9	3.1	0.9	1.0	0.0
computer programmer or analyst	3.9	4.4	2.5	4.2	3.4	2.0	2.0	6.1	2.8	2.9	1.4
conservationist or forester	0.6	0.5	0.2	0.7	0.6	0.8	0.3	0.4	0.6	0.6	0.4
dentist (including orthodontist)	0.7	0.8	0.3	0.8	0.5	0.7	0.1	0.3	0.0	0.0	0.0
dietitian or home economist	0.3	0.7	0.1	0.0	0.1	0.0	0.2	0.1	0.4	0.4	0.0
engineer	4.9	7.2	7.3	4.1	2.8	3.0	2.2	2.8	9.4	9.8	6.6
farmer or rancher	0.2	0.3	0.0	0.1	0.2	0.2	0.1	0.2	0.4	0.3	0.7
foreign service worker	0.7	0.7	1.2	0.2	1.0	1.1	1.0	1.0	0.4	0.5	0.0
homemaker (full-time)	0.2	0.1	0.2	0.0	0.5	0.6	0.0	0.4	0.1	0.0	0.9
interior decorator or designer	0.3	0.3	0.2	0.1	0.4	0.4	0.4	0.3	0.3	0.4	0.0
intepreter (translator)	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.1	0.0	0.0	0.0
lab technician or hygienist	0.4	0.5	0.2	0.4	0.2	0.1	0.5	0.3	0.3	0.3	0.0
law enforcement officer	1.0	1.0	0.1	1.4	0.8	0.8	0.9	0.8	1.0	1.1	0.0
lawyer (attorney) or judge	4.5	4.9	9.6	2.9	4.6	4.9	5.4	3.6	1.1	1.3	0.0
military service (career)	1.6	0.5	0.9	3.5	0.6	0.6	0.7	0.5	0.7	0.8	0.0
musician (performer,composer)	0.6	0.0	2.0	0.9	0.4	0.6	0.0	0.3	0.3	0.1	1.1
nurse	3.3	2.1	1.2	5.9	2.1	2.1	3.0	1.6	2.7	2.7	3.2
optometrist	0.2	0.4	0.4	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0
pharmacist	0.5	0.5	0.2	0.3	0.8	0.7	0.1	1.5	0.3	0.3	0.0
physician	2.7	3.4	6.4	1.4	2.5	2.7	2.7	1.9	0.4	0.4	0.2
school counselor	0.7	0.5	0.1	0.9	0.8	0.7	0.7	1.0	0.5	0.4	1.2
school principal, superintendent	0.1	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0
scientific researcher	2.0	1.8	1.6	2.2	2.0	2.3	2.2	1.3	1.6	1.6	1.6
social,welfare,recreation worker	2.7	2.4	1.2	3.2	2.8	2.5	1.9	3.9	2.7	2.7	2.3
statistician	0.1	0.1	0.3	0.1	0.1	0.0	0.1	0.2	0.4	0.4	0.2
therapist (phys,occup,speech)	2.3	3.3	1.4	2.2	1.5	1.0	1.9	2.1	2.8	3.2	0.0
teacher (elementary)	8.2	7.4	2.1	11.5	6.9	5.1	7.6	9.3	8.8	9.1	6.4
teacher (secondary)	4.2	4.3	2.2	4.5	4.4	3.3	4.6	5.9	4.6	4.8	3.3
veterinarian	0.2	0.2	0.0	0.1	0.4	0.5	0.0	0.3	0.2	0.2	0.0
writer or journalist	2.8	2.9	5.4	1.5	3.6	3.3	4.5	3.5	1.5	1.4	2.5
skilled trades	0.2	0.0	0.1	0.1	0.6	1.1	0.1	0.2	3.3	2.7	8.2
other	11.1	12.1	11.9	11.2	9.7	8.5	8.8	12.0	15.1	15.0	16.2
undecided	6.4	6.6	6.1	6.0	6.8	7.9	6.8	5.0	2.9	3.0	1.4

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ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE MAJOR IN 1987											
Arts and Humanities											
arts, fine and applied	2.8	1.1	2.2	2.3	5.4	7.3	2.3	4.0	3.1	1.4	15.9
English (language & literature)	1.4	0.7	3.8	0.7	2.3	2.4	2.5	2.0	0.1	0.1	0.0
history	1.2	0.8	1.1	1.7	0.9	1.0	0.9	0.7	0.3	0.3	0.2
journalism	1.3	1.7	3.8	0.8	0.9	0.6	1.2	1.3	1.3	1.5	0.0
language/literature (except Eng)	0.7	0.6	0.9	0.5	1.0	1.2	1.2	0.7	0.1	0.1	0.0
music	0.8	0.2	1.9	0.8	1.3	1.1	1.5	1.4	0.2	0.1	1.1
philosophy	0.2	0.1	0.4	0.1	0.3	0.5	0.0	0.1	0.0	0.0	0.0
speech	0.2	0.0	1.2	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0
theater or drama	0.8	0.3	0.5	1.4	0.9	1.2	0.7	0.6	0.0	0.0	0.0
theology or religion	0.2	0.0	0.0	0.2	0.4	0.5	0.3	0.4	0.1	0.0	0.6
other arts and humanities	0.7	0.7	1.4	0.3	1.0	0.9	1.9	0.7	1.7	1.9	0.0
Biological Sciences											
biology (general)	2.5	4.0	1.6	1.2	2.9	2.7	2.9	3.3	0.7	0.8	0.0
biochemistry or biophysics	0.5	0.7	0.9	0.2	0.5	0.5	0.3	0.6	0.0	0.0	0.0
botany	0.1	0.1	0.0	0.0	0.2	0.2	0.2	0.1	0.1	0.1	0.0
marine (life) science	0.3	0.2	0.3	0.4	0.2	0.3	0.0	0.1	0.1	0.1	0.0
microbiology or bacteriology	0.2	0.6	0.2	0.0	0.1	0.1	0.3	0.1	0.4	0.5	0.0
zoology	0.4	0.6	0.0	0.5	0.4	0.4	0.3	0.3	0.1	0.1	0.0
other biological science	0.4	0.5	0.7	0.3	0.3	0.4	0.2	0.1	0.5	0.5	0.2
Business											
accounting	5.6	5.4	3.5	6.6	5.3	3.7	8.9	5.7	8.6	9.0	5.1
business admin (general)	7.1	5.0	4.5	7.3	9.8	11.2	6.7	9.2	6.8	5.8	14.4
finance	2.9	4.4	4.2	2.5	1.3	0.8	3.7	0.8	1.4	1.4	0.9
marketing	2.5	2.5	3.0	2.5	2.5	2.4	4.1	1.8	3.1	3.5	0.1
management	4.3	3.6	2.0	4.1	5.9	7.0	5.4	4.6	5.0	5.2	3.2
secretarial studies	0.2	0.0	0.0	0.5	0.2	0.2	0.3	0.2	1.5	1.5	1.6
other business	1.2	1.6	1.7	0.7	1.3	0.9	1.8	1.7	0.5	0.5	0.5
Education											
business education	0.4	0.0	0.0	0.8	0.7	1.2	0.0	0.2	0.3	0.3	0.0
elementary education	3.4	1.4	0.5	5.7	3.5	2.3	4.4	5.0	4.6	4.4	5.9
music or art education	0.3	0.1	0.1	0.6	0.3	0.3	0.4	0.3	0.1	0.0	0.9
physical education or recreation	1.9	3.4	0.5	2.0	0.8	0.7	1.0	0.8	1.4	1.4	0.7
secondary education	1.4	1.1	0.5	1.3	2.0	1.4	1.1	3.5	3.0	3.3	0.8
special education	0.5	0.2	0.0	0.8	0.6	0.4	0.3	1.0	0.5	0.6	0.0
other education	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.3	1.6	1.9	0.0
Engineering											
aeronautical/astronautical eng	1.8	3.0	1.3	2.1	0.4	0.7	0.2	0.1	1.2	1.3	0.8
civil engineering	0.8	0.9	0.8	0.9	0.5	0.5	0.7	0.4	0.9	0.7	2.3
chemical engineering	0.6	1.0	0.9	0.6	0.3	0.3	0.2	0.3	0.7	0.8	0.0
electrical/electronic eng	2.7	3.8	3.4	2.5	1.8	1.9	1.7	1.8	3.5	3.9	0.6
industrial engineering	0.4	0.5	0.3	0.4	0.2	0.1	0.1	0.3	0.7	0.8	0.0
mechanical engineering	1.8	3.1	2.2	0.6	1.9	0.8	0.8	4.1	3.5	3.9	0.6
other engineering	1.5	1.1	5.9	1.6	0.4	0.6	0.4	0.2	2.1	2.4	0.0

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE MAJOR IN 1987											
Physical Sciences											
astronomy	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.5	0.0
atmospheric science	0.4	1.4	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
chemistry	0.8	0.7	1.2	0.5	1.0	0.8	1.0	1.2	1.0	0.8	2.6
earth science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine science	0.2	0.0	0.1	0.5	0.1	0.1	0.3	0.1	0.0	0.0	0.0
mathematics	0.7	0.8	0.8	0.6	0.8	0.6	1.0	0.9	0.6	0.7	0.4
physics	0.5	0.7	1.1	0.2	0.3	0.3	0.3	0.2	0.0	0.0	0.4
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
other physical science	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.4	0.1	2.3
Professional											
architecture or urban planning	1.0	2.6	0.7	0.1	0.6	0.8	0.5	0.2	1.4	1.0	3.8
home economics	0.4	0.6	0.1	0.6	0.2	0.3	0.0	0.2	1.0	1.0	0.8
health technology (med,dent,lab)	0.8	1.1	0.3	0.4	0.9	0.2	0.8	2.2	1.6	1.9	0.0
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	1.3	0.9	0.6	1.7	1.6	1.4	3.1	1.3	2.5	2.6	1.8
pharmacy	0.7	0.9	0.4	0.7	0.6	0.7	0.4	0.5	0.4	0.5	0.0
predental,premedical,prevet	3.8	5.5	7.1	1.7	3.5	4.1	2.9	2.8	0.5	0.5	1.0
therapy (phys,occup,speech)	1.6	1.7	1.1	2.1	1.1	0.5	2.8	1.3	2.9	3.3	0.0
other professional	1.1	1.5	1.0	0.7	1.1	0.4	1.3	2.1	2.4	2.7	0.6
Social Sciences											
anthropology	0.2	0.2	0.4	0.1	0.1	0.1	0.0	0.2	0.1	0.0	0.6
economics	0.4	0.4	1.3	0.1	0.5	0.8	0.4	0.2	0.2	0.2	0.0
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	5.2	4.1	8.6	5.7	4.6	4.5	3.7	5.3	1.5	1.5	1.2
psychology	4.5	5.1	5.9	3.4	4.7	4.1	4.3	5.7	2.2	1.9	3.9
social work	0.7	0.3	0.3	0.4	1.7	1.4	2.6	1.6	0.6	0.6	0.6
sociology	0.5	0.7	0.2	0.5	0.6	0.3	0.1	1.3	0.0	0.0	0.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.2	0.4	0.0	0.1	0.1	0.0	0.4	0.0	0.1	0.0	1.1
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.7	0.3	0.6	1.5	0.3	0.4	0.5	0.2	0.7	0.5	2.5
drafting or design	0.5	0.5	0.1	0.6	0.4	0.7	0.3	0.1	0.3	0.1	1.6
electronics	0.2	0.0	0.0	0.1	0.5	0.8	0.0	0.1	0.2	0.2	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.3
other technical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.8	0.0
Other											
agriculture	0.5	1.4	0.0	0.3	0.1	0.0	0.0	0.3	2.9	3.2	0.7
communications	3.4	2.6	3.2	3.5	4.2	4.8	4.3	3.3	2.8	3.0	1.4
computer science	1.3	0.8	1.0	2.0	1.1	1.0	0.9	1.4	1.9	1.4	5.5
forestry	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.3	0.2	0.4
law enforcement	0.8	0.4	0.0	1.0	1.2	1.5	1.2	0.8	0.8	0.8	1.5
military science	0.1	0.2	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
other field	1.1	1.5	0.3	1.1	1.0	1.1	1.0	0.9	2.3	1.9	5.7
undecided	9.9	7.9	7.3	13.8	8.1	9.6	6.5	6.5	6.5	7.1	2.7

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	2.8	2.3	1.6	1.9	4.7	4.9	3.4	5.1	0.4	0.3	1.3
English (language & literature)	4.3	3.2	6.6	3.6	5.7	6.0	5.9	5.2	1.4	1.3	1.7
history	3.2	1.7	5.7	2.4	5.1	6.2	3.1	4.6	1.8	1.9	0.5
journalism	1.4	1.9	3.9	0.5	1.2	0.6	2.0	1.7	0.4	0.4	0.6
language/literature (except Eng)	0.8	0.7	2.1	0.0	1.4	2.0	0.9	0.7	0.7	0.8	0.0
music	0.9	0.3	2.1	0.9	1.1	1.2	1.8	0.4	0.3	0.0	2.5
philosophy	0.4	0.2	0.5	0.3	0.8	0.9	0.8	0.6	0.0	0.0	0.0
speech	0.7	0.9	0.3	0.9	0.4	0.4	0.2	0.4	0.2	0.2	0.0
theater or drama	0.3	0.0	0.4	0.3	0.4	0.7	0.4	0.1	0.0	0.0	0.0
theology or religion	0.4	0.1	0.1	0.2	0.9	1.2	0.3	0.8	0.2	0.1	0.8
other arts and humanities	1.4	1.3	1.4	1.6	1.3	1.6	1.3	0.8	3.3	1.2	20.7
Biological Sciences											
biology (general)	3.7	3.3	3.3	2.7	5.4	5.6	5.0	5.4	0.7	0.7	1.1
biochemistry or biophysics	0.2	0.2	0.0	0.2	0.1	0.2	0.2	0.0	0.0	0.0	0.0
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.1	0.0	0.1	0.3	0.1	0.1	0.5	0.0	0.0	0.0	0.0
microbiology or bacteriology	0.1	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.0
zoology	0.2	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
other biological science	0.8	1.3	0.9	0.6	0.3	0.3	0.3	0.2	1.0	0.7	3.3
Business											
accounting	4.7	5.3	4.8	4.2	4.4	2.8	7.4	5.0	8.3	8.8	4.9
business admin (general)	2.6	1.2	0.5	2.9	4.6	4.0	3.3	6.1	4.9	4.3	9.9
finance	3.7	3.2	2.8	5.0	3.2	1.3	4.3	5.2	2.3	2.4	1.5
marketing	3.6	4.5	2.9	3.2	3.3	2.8	6.1	2.7	2.0	2.1	1.0
management	3.9	3.0	1.9	5.5	3.7	4.4	3.8	2.6	5.7	5.9	4.1
secretarial studies	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.3	2.4	2.6	1.0
other business	1.6	1.9	1.8	1.7	0.9	0.8	1.0	1.1	2.8	3.2	0.0
Education											
business education	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	1.3
elementary education	6.6	3.5	1.7	10.8	6.7	5.7	6.2	8.4	7.0	7.2	5.6
music or art education	0.3	0.1	0.3	0.3	0.4	0.4	0.5	0.4	0.0	0.0	0.0
physical education or recreation	2.2	4.1	0.1	1.6	1.3	0.8	2.1	1.5	2.0	1.9	3.1
secondary education	1.5	2.0	0.5	1.3	1.5	1.1	0.6	2.6	2.8	3.1	1.1
special education	0.4	0.1	0.1	0.7	0.4	0.5	0.5	0.2	0.6	0.6	0.0
other education	0.4	0.3	0.8	0.7	0.2	0.1	0.3	0.3	0.2	0.0	1.6
Engineering											
aeronautical/astronautical eng	0.5	0.7	0.5	0.6	0.2	0.1	0.8	0.0	0.7	0.8	0.0
civil engineering	0.9	1.7	1.3	0.7	0.3	0.4	0.5	0.0	1.2	1.2	1.7
chemical engineering	0.3	0.4	0.7	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.0
electrical/electronic eng	1.5	1.9	2.7	1.3	0.8	0.9	0.8	0.5	1.6	1.7	0.8
industrial engineering	0.8	1.1	0.4	1.1	0.2	0.3	0.0	0.2	0.5	0.6	0.0
mechanical engineering	1.6	2.5	2.8	1.0	0.7	0.4	0.5	1.2	2.3	2.5	0.6
other engineering	0.8	0.8	2.2	0.7	0.3	0.6	0.0	0.1	1.7	1.8	0.8

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
atmospheric science	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	1.0	0.5	0.9	1.4	1.1	1.3	0.9	0.9	0.9	1.0	0.0
earth science	0.2	0.3	0.3	0.0	0.3	0.4	0.0	0.4	0.4	0.4	0.5
marine science	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics	1.2	1.1	1.2	1.0	1.7	1.8	1.0	1.9	1.8	2.0	0.0
physics	0.5	0.8	0.2	0.4	0.3	0.5	0.1	0.2	0.0	0.0	0.0
statistics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
other physical science	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0
Professional											
architecture or urban planning	0.4	0.8	1.0	0.2	0.1	0.2	0.0	0.1	1.0	0.6	3.9
home economics	0.7	0.8	0.0	0.9	0.4	0.5	0.3	0.4	0.2	0.2	0.5
health technology (med,dent,lab)	0.5	1.0	0.0	0.3	0.4	0.4	0.7	0.2	0.5	0.6	0.0
law <graduate-level only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	3.0	2.1	1.0	5.3	1.8	2.1	2.6	1.0	2.6	2.5	3.4
pharmacy	0.4	0.4	0.2	0.4	0.3	0.5	0.0	0.2	0.2	0.2	0.0
predental,premedical,prevet	0.3	0.3	0.1	0.3	0.3	0.2	0.1	0.4	0.2	0.2	0.0
therapy (phys,occup,speech)	1.4	2.1	0.3	1.6	0.7	0.7	0.9	0.5	2.0	2.2	0.0
other professional	1.1	2.1	0.5	0.5	0.7	0.6	0.6	0.8	4.2	4.7	0.8
Social Sciences											
anthropology	0.4	0.3	0.9	0.2	0.4	0.8	0.0	0.1	0.1	0.1	0.0
economics	2.0	2.3	4.7	0.8	2.1	2.3	1.1	2.4	0.6	0.7	0.1
ethnic studies	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.3	0.4	0.0	0.5	0.1	0.1	0.0	0.1	0.3	0.3	0.0
political science	5.0	5.6	8.7	3.2	5.3	5.8	5.5	4.6	1.6	1.8	0.0
psychology	6.1	5.6	7.6	5.7	6.7	5.9	7.7	7.5	3.9	3.8	4.6
social work	1.2	0.7	1.8	1.1	1.6	1.8	0.6	1.9	1.3	1.3	1.2
sociology	2.0	1.7	1.1	2.0	2.5	2.1	2.8	2.9	0.5	0.4	1.4
women's studies	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other social science	1.4	1.5	2.0	1.6	0.9	1.5	0.9	0.1	0.4	0.3	1.2
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	3.2
data processing or computer prog	1.7	2.9	0.8	1.4	1.0	1.1	1.0	0.7	1.3	1.3	0.6
drafting or design	0.2	0.2	0.0	0.1	0.3	0.4	0.7	0.0	0.7	0.8	0.0
electronics	0.3	0.3	0.0	0.4	0.1	0.2	0.0	0.0	0.3	0.3	0.4
mechanics	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7	0.8	0.0
other technical	0.4	0.0	0.3	0.7	0.6	1.2	0.0	0.1	0.3	0.4	0.0
Other											
agriculture	0.6	1.3	0.2	0.5	0.2	0.3	0.1	0.1	1.2	1.2	0.9
communications	3.4	2.6	4.6	3.2	4.1	4.7	3.4	3.8	3.5	3.5	3.5
computer science	1.6	1.3	1.2	2.7	1.0	0.6	1.3	1.4	1.7	1.7	1.1
forestry	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.1	0.4	0.4	0.0
law enforcement	1.0	1.3	0.4	0.9	0.8	0.6	1.8	0.7	1.4	1.6	0.0
military science	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.1	1.7	1.0	0.4	1.3	1.4	0.5	1.6	3.3	3.6	0.8
undecided	0.5	0.6	0.3	0.8	0.3	0.2	0.4	0.4	0.7	0.8	0.0

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	2.1	1.2	0.9	1.1	4.6	4.2	1.5	6.7	0.6	0.6	0.8
English (language & literature)	4.2	1.9	1.6	9.0	2.4	2.3	3.7	1.8	3.2	3.1	3.8
history	1.0	0.5	2.1	1.2	1.0	0.7	1.6	1.1	2.1	2.0	2.4
journalism	1.0	1.1	2.6	0.3	1.1	0.4	1.8	1.5	0.0	0.0	0.0
language/literature (except Eng)	0.7	0.7	1.8	0.3	0.8	1.1	0.1	0.8	1.2	1.2	1.2
music	1.0	0.0	2.4	1.3	1.1	1.7	0.0	0.8	0.0	0.0	0.0
philosophy	0.3	0.0	0.3	0.3	0.5	0.5	1.5	0.0	0.0	0.0	0.0
speech	0.1	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0
theater or drama	0.3	0.1	0.5	0.1	0.6	1.1	0.4	0.2	0.0	0.0	0.0
theology or religion	1.0	0.6	0.4	0.7	1.8	2.1	0.6	2.0	0.1	0.0	0.9
other arts and humanities	0.6	0.5	0.5	0.3	1.1	1.5	0.2	1.0	0.0	0.0	0.0
Biological Sciences											
biology (general)	0.3	0.0	0.1	0.0	0.9	0.4	0.2	2.0	0.0	0.0	0.0
biochemistry or biophysics	0.4	0.5	0.8	0.2	0.4	0.8	0.2	0.0	0.0	0.0	0.0
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.2	0.0	0.2	0.5	0.2	0.0	0.9	0.0	0.0	0.0	0.0
microbiology or bacteriology	0.4	0.6	0.3	0.4	0.1	0.0	0.6	0.0	1.0	1.2	0.0
zoology	0.2	0.0	0.0	0.4	0.4	0.5	0.0	0.4	0.3	0.3	0.7
other biological science	1.4	1.3	0.5	1.6	1.7	1.9	1.9	1.4	2.0	1.1	7.6
Business											
accounting	2.6	5.3	1.8	0.9	2.2	3.0	2.5	1.0	3.6	3.9	1.3
business admin (general)	6.2	7.0	7.2	5.3	6.0	4.6	6.0	7.9	7.9	7.9	7.6
finance	3.0	3.1	2.5	3.8	2.2	2.3	3.2	1.5	1.2	1.1	2.4
marketing	2.5	2.7	2.5	2.5	2.2	2.2	3.9	1.4	1.6	1.5	2.1
management	4.3	4.0	3.8	5.6	3.4	3.2	5.5	2.8	4.6	4.7	3.4
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	1.4
other business	1.8	2.0	2.6	2.0	1.1	0.8	0.8	1.6	2.8	2.7	3.6
Education											
business education	0.3	0.3	0.0	0.3	0.5	0.3	1.6	0.2	0.1	0.0	0.4
elementary education	3.1	2.3	1.9	3.5	3.8	4.0	3.0	3.8	6.3	5.7	10.0
music or art education	0.3	0.1	0.0	0.1	0.8	1.2	0.8	0.4	0.0	0.0	0.0
physical education or recreation	1.0	0.4	0.7	1.9	0.9	0.7	1.3	0.9	1.3	1.4	0.4
secondary education	2.1	2.7	1.3	1.8	2.1	1.9	2.1	2.4	3.5	4.0	0.0
special education	1.4	0.5	0.2	2.2	2.0	1.4	2.2	2.6	0.8	0.4	3.9
other education	1.7	2.0	0.6	1.6	2.1	2.0	3.5	1.5	1.7	1.3	4.0
Engineering											
aeronautical/astronautical eng	0.7	0.8	0.7	1.0	0.2	0.2	0.5	0.0	0.6	0.7	0.0
civil engineering	0.6	0.7	0.2	0.2	0.9	1.2	0.4	0.7	1.2	1.2	1.0
chemical engineering	0.2	0.0	0.3	0.1	0.3	0.6	0.2	0.1	0.0	0.0	0.0
electrical/electronic eng	0.7	1.2	1.2	0.6	0.2	0.1	0.6	0.2	1.8	2.1	0.0
industrial engineering	0.4	0.2	0.1	0.8	0.1	0.2	0.0	0.1	0.0	0.0	0.0
mechanical engineering	0.9	1.2	1.1	0.9	0.7	0.4	0.0	1.4	1.0	1.2	0.0
other engineering	1.5	2.0	1.8	1.6	0.6	0.4	0.7	0.9	0.4	0.5	0.0

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.7	0.0
atmospheric science	0.1	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
chemistry	0.5	0.2	0.2	0.7	0.7	0.8	0.9	0.5	0.6	0.5	1.0
earth science	0.2	0.3	0.4	0.0	0.2	0.3	0.0	0.2	0.3	0.3	0.0
marine science	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics	0.4	0.2	0.9	0.3	0.7	0.4	0.2	1.2	0.2	0.3	0.0
physics	0.5	0.8	0.1	0.4	0.3	0.6	0.0	0.1	0.0	0.0	0.0
statistics	0.1	0.3	0.2	0.0	0.1	0.0	0.0	0.2	0.8	0.9	0.0
other physical science	0.1	0.0	0.0	0.1	0.2	0.1	0.8	0.0	0.7	0.8	0.0
Professional											
architecture or urban planning	0.7	1.3	1.1	0.4	0.3	0.4	0.0	0.3	1.6	0.0	12.4
home economics	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology (med,dent,lab)	1.2	1.5	2.2	0.4	1.2	0.8	2.1	1.3	1.0	1.1	0.0
law	9.1	11.2	17.2	5.9	7.5	7.5	10.8	6.1	5.2	4.2	12.2
library or information science	0.3	0.5	0.0	0.4	0.2	0.0	0.0	0.5	0.7	0.9	0.0
nursing	3.5	2.4	1.1	5.1	3.6	5.8	2.2	1.4	3.0	2.5	5.9
pharmacy	0.4	0.7	0.0	0.2	0.4	0.5	0.2	0.3	0.5	0.6	0.0
predental,premedical,prevet	2.7	3.7	4.6	0.6	3.4	5.2	1.2	2.2	1.5	1.8	0.0
therapy (phys,occup,speech)	2.8	3.8	2.1	2.8	2.2	1.5	3.7	2.4	4.4	5.1	0.0
other professional	2.3	4.3	1.6	1.8	1.1	0.4	1.7	1.6	3.0	3.4	0.4
Social Sciences											
anthropology	0.3	0.2	0.3	0.4	0.4	0.6	0.3	0.2	0.0	0.0	0.0
economics	0.7	1.3	0.7	0.4	0.6	0.8	0.6	0.3	0.0	0.0	0.2
ethnic studies	0.2	0.2	0.0	0.0	0.4	0.6	0.4	0.1	0.0	0.0	0.0
geography	0.3	0.7	0.0	0.3	0.1	0.0	0.0	0.2	0.0	0.0	0.0
political science	2.5	2.4	4.5	1.8	2.6	2.6	2.6	2.6	3.0	3.4	0.0
psychology	6.3	4.2	6.4	7.5	6.9	6.9	9.2	5.8	5.7	6.0	3.1
social work	2.5	2.0	1.9	2.9	2.8	2.4	0.4	4.5	4.0	4.6	0.0
sociology	0.7	0.7	0.6	0.7	0.9	1.4	0.7	0.3	0.7	0.8	0.0
women's studies	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
other social science	0.6	0.9	0.5	0.3	0.6	0.6	0.3	0.8	0.0	0.0	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0
data processing or computer prog	0.4	0.2	1.3	0.2	0.5	0.3	1.4	0.4	1.0	1.1	0.0
drafting or design	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0
electronics	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	0.0
other technical	0.3	0.0	0.3	0.5	0.2	0.4	0.0	0.0	1.3	1.5	0.0
Other											
agriculture	0.2	0.5	0.0	0.2	0.0	0.1	0.0	0.0	0.4	0.4	0.0
communications	1.3	1.4	1.0	1.4	1.1	1.0	1.1	1.3	1.2	1.1	2.2
computer science	2.1	0.8	0.9	2.5	3.4	0.8	0.8	7.9	1.3	1.2	1.8
forestry	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.4	0.0
law enforcement	0.2	0.2	0.0	0.3	0.2	0.3	0.4	0.0	0.6	0.7	0.0
military science	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.2	1.3	1.2	0.8	1.7	1.9	1.2	1.5	0.3	0.3	0.4
undecided	4.2	3.5	2.9	5.3	4.3	4.5	2.4	4.9	2.3	2.5	1.3

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Socializing with Friends											
none	0.2	0.0	0.0	0.3	0.2	0.2	0.2	0.2	1.2	1.3	0.0
less than one	1.3	1.4	0.5	1.7	0.9	1.5	0.4	0.4	0.8	0.9	0.0
1 to 2	3.3	3.6	2.7	3.1	3.5	4.2	2.7	2.7	5.0	4.8	6.6
3 to 5	12.4	11.2	13.5	12.3	13.5	12.7	12.0	15.3	13.6	13.8	11.9
6 to 10	24.4	27.2	23.2	21.4	25.4	26.6	27.0	22.6	23.6	22.1	34.7
11 to 15	19.9	16.0	22.0	22.7	19.9	19.0	19.7	21.3	17.5	17.9	14.6
16 to 20	15.2	16.3	16.3	16.4	12.5	11.4	13.2	13.9	15.1	15.5	11.9
more than 20	23.3	24.3	21.7	22.2	24.2	24.4	24.8	23.5	23.2	23.6	20.2
Exercising or Sports											
none	3.6	3.0	2.7	3.4	4.6	6.2	2.5	3.4	3.2	3.2	2.7
less than one	9.5	8.1	8.3	10.4	10.2	10.0	9.1	11.0	7.5	7.8	4.9
1 to 2	14.0	13.6	14.4	14.1	14.3	13.6	13.6	15.8	16.3	16.8	12.6
3 to 5	20.8	21.8	21.8	19.3	21.4	20.9	18.5	23.6	24.1	25.1	16.6
6 to 10	19.6	18.0	16.7	22.8	18.4	18.8	21.0	16.3	21.2	20.0	30.0
11 to 15	15.2	18.3	17.1	11.1	16.3	17.0	17.0	14.7	10.3	9.6	15.3
16 to 20	7.1	7.4	6.5	7.9	6.1	4.4	8.3	7.6	9.6	9.6	9.3
more than 20	10.1	9.8	12.7	11.0	8.7	9.2	10.0	7.4	7.9	7.9	8.6
Partying											
none	11.2	10.1	10.0	10.4	13.7	12.9	10.5	16.6	13.1	13.7	8.2
less than one	10.6	10.7	12.5	9.4	11.4	11.1	10.0	12.6	11.3	10.9	15.0
1 to 2	15.8	15.8	16.6	15.7	15.7	17.6	14.6	13.3	18.2	17.0	26.7
3 to 5	24.1	25.4	24.8	23.8	23.0	22.8	26.6	21.2	22.4	22.8	19.5
6 to 10	17.5	20.9	19.2	14.7	16.9	14.8	22.2	17.2	15.2	15.5	12.8
11 to 15	11.3	9.4	9.3	14.4	10.3	12.4	7.8	8.4	6.1	6.0	7.1
16 to 20	3.8	2.5	3.0	4.9	4.2	3.3	4.2	5.6	7.5	7.8	4.8
more than 20	5.6	5.3	4.5	6.7	4.9	5.0	4.0	5.2	6.3	6.3	6.0
Working (for pay)											
none	23.7	20.4	35.6	19.4	28.8	30.5	23.5	28.9	22.1	23.0	15.4
less than one	3.3	3.9	2.4	4.1	2.2	2.3	0.5	2.9	1.7	1.5	3.3
1 to 2	3.3	4.9	3.1	2.5	2.6	2.5	2.4	2.7	2.6	2.6	2.8
3 to 5	5.5	4.1	8.1	5.6	6.0	5.9	6.5	5.8	7.0	6.8	8.8
6 to 10	11.0	9.4	11.8	11.0	12.4	12.5	13.7	11.6	9.4	9.3	10.8
11 to 15	16.0	17.5	14.5	17.9	12.8	13.7	15.5	10.0	14.4	15.5	6.6
16 to 20	16.3	14.9	12.9	18.7	15.8	15.1	17.7	15.7	15.6	15.8	14.4
more than 20	20.9	24.9	11.6	20.9	19.6	17.5	20.3	22.4	27.0	25.6	38.0
Student Clubs and Groups											
none	26.0	23.3	18.3	31.4	24.9	25.3	23.9	24.8	32.3	30.9	42.8
less than one	12.5	13.0	11.9	13.1	11.5	11.7	10.2	11.7	12.0	11.7	14.4
1 to 2	24.5	24.4	21.6	26.6	23.1	20.7	25.6	25.5	20.0	20.2	18.3
3 to 5	20.8	21.1	24.8	17.5	23.2	24.7	25.9	19.5	20.5	21.0	17.1
6 to 10	9.7	10.7	14.9	7.1	10.0	9.9	8.7	10.9	7.5	8.1	2.9
11 to 15	3.4	3.5	5.0	2.1	4.2	4.6	2.9	4.3	4.4	4.6	3.0
16 to 20	1.5	2.5	1.7	0.6	1.6	1.9	0.9	1.4	1.5	1.7	0.0
more than 20	1.5	1.5	1.7	1.5	1.5	1.2	2.0	1.7	1.7	1.7	1.5

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Watching TV											
none	5.0	4.2	4.5	4.7	6.4	7.6	5.3	5.2	3.7	3.8	3.2
less than one	14.0	18.5	13.2	11.6	12.4	14.0	11.5	10.3	10.7	10.3	13.9
1 to 2	23.6	20.3	20.8	26.8	24.0	22.4	23.9	26.7	19.8	19.9	19.0
3 to 5	26.5	24.3	32.0	24.9	29.1	27.6	29.8	31.0	31.4	30.1	41.0
6 to 10	17.3	17.6	17.6	18.0	16.0	16.3	17.9	14.4	19.7	20.9	10.3
11 to 15	6.9	6.7	6.3	7.9	6.1	5.5	5.2	7.6	7.5	7.5	7.9
16 to 20	2.6	2.6	2.7	2.7	2.6	2.8	3.7	1.6	4.5	4.7	2.6
more than 20	4.0	5.8	2.9	3.4	3.4	3.9	2.7	3.1	2.7	2.8	2.1
Hobbies											
none	10.6	10.0	6.6	11.5	11.4	13.5	8.4	9.9	11.9	12.5	7.3
less than one	13.0	17.0	12.0	10.8	11.7	10.7	14.9	11.6	9.2	9.4	8.1
1 to 2	25.1	23.1	27.6	25.1	26.3	27.3	26.6	24.6	23.0	23.1	21.9
3 to 5	23.8	24.9	27.1	20.9	24.9	23.2	25.8	27.1	27.8	27.9	26.7
6 to 10	14.7	12.7	16.8	17.8	12.3	11.0	13.4	13.8	13.9	13.8	14.5
11 to 15	6.6	4.7	4.7	7.5	8.1	8.1	4.8	10.0	7.9	6.7	17.2
16 to 20	2.7	3.9	1.9	2.1	2.5	3.1	3.6	1.0	3.8	3.8	3.8
more than 20	3.5	3.6	3.3	4.3	2.6	3.1	2.6	2.0	2.5	2.7	0.5
Studying or Doing Homework											
none	1.6	1.6	4.1	1.2	1.2	1.7	0.8	0.7	0.8	0.9	0.0
less than one	7.7	8.1	5.7	9.2	6.2	6.3	6.0	6.2	8.1	8.6	5.0
1 to 2	13.8	13.7	8.5	15.6	13.4	12.3	13.2	15.2	16.4	15.9	20.4
3 to 5	30.3	28.7	20.8	34.5	29.8	28.4	28.4	32.6	34.4	32.2	51.4
6 to 10	25.1	23.2	26.2	25.0	26.7	25.1	28.7	28.0	24.9	26.7	11.2
11 to 15	13.5	16.9	19.7	9.7	12.6	14.2	13.1	9.8	10.8	10.9	9.4
16 to 20	5.1	4.2	9.6	2.8	7.3	8.9	6.9	5.0	3.7	3.9	2.1
more than 20	3.0	3.6	5.5	1.9	2.9	3.2	2.9	2.6	0.9	0.9	0.4
Talking w/Teacher Outside Class											
none	6.8	7.7	5.6	7.6	5.3	4.9	3.9	6.8	7.7	8.3	3.5
less than one	39.0	40.3	30.7	44.2	33.9	32.9	34.8	34.8	39.9	41.4	28.7
1 to 2	32.8	34.0	34.5	27.5	37.1	36.7	38.4	37.0	29.0	28.6	31.8
3 to 5	16.3	13.5	23.3	16.4	16.9	17.6	15.4	16.5	14.8	15.2	11.6
6 to 10	3.3	3.2	5.0	2.4	3.9	4.1	4.3	3.4	5.2	3.5	18.3
11 to 15	1.0	0.7	0.5	1.0	1.4	1.9	1.6	0.6	1.3	0.8	5.5
16 to 20	0.6	0.3	0.1	0.5	1.1	1.5	1.1	0.5	0.1	0.1	0.1
more than 20	0.3	0.2	0.3	0.2	0.4	0.4	0.5	0.2	1.8	2.0	0.5

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.7	1.4	0.0	0.2	0.6	1.2	0.0	0.1	1.1	1.3	0.0
less than one	1.1	1.2	0.4	1.2	1.2	1.3	1.0	1.1	2.0	1.6	4.7
1 to 2	4.2	3.6	3.1	4.1	5.6	7.0	3.7	4.3	6.8	5.0	19.9
3 to 5	15.5	16.9	14.7	16.7	12.8	11.1	13.1	15.3	17.6	18.4	11.5
6 to 10	23.3	25.8	21.0	22.6	22.1	20.5	20.9	25.3	25.1	25.8	19.7
11 to 15	19.3	19.7	20.5	19.0	18.7	18.4	20.4	18.4	16.6	16.2	18.9
16 to 20	15.4	13.1	16.6	17.0	15.6	17.2	15.4	13.0	10.6	10.5	11.0
more than 20	20.5	18.4	23.7	19.1	23.4	23.3	25.4	22.4	20.3	21.2	14.3
Exercising or Sports											
none	3.2	2.8	2.7	3.8	3.2	3.8	3.6	1.9	3.2	3.5	1.1
less than one	10.0	9.7	8.1	10.4	10.6	12.6	7.4	9.3	13.9	12.7	22.9
1 to 2	20.4	22.9	16.8	19.1	20.6	21.2	15.9	22.2	20.8	21.4	16.3
3 to 5	30.8	30.4	32.2	33.3	27.7	25.9	28.5	30.2	26.4	26.9	22.2
6 to 10	19.7	20.7	21.7	18.0	20.3	16.9	24.6	23.2	20.0	20.0	19.8
11 to 15	6.7	6.5	6.8	6.0	7.6	8.2	8.6	6.1	6.2	5.5	11.9
16 to 20	3.8	1.9	4.8	3.9	5.4	6.1	5.7	4.0	5.9	6.0	4.7
more than 20	5.3	5.2	6.9	5.6	4.7	5.4	5.9	3.0	3.6	3.9	1.2
Reading for Pleasure											
none	13.7	15.3	10.5	13.7	13.0	10.9	11.4	17.2	15.5	16.0	11.2
less than one	28.2	31.5	27.0	24.4	29.8	32.0	26.5	27.9	26.0	23.7	43.0
1 to 2	26.2	25.2	29.6	24.8	28.1	27.3	29.1	28.9	24.6	25.5	18.2
3 to 5	19.2	16.7	21.6	22.9	16.6	17.2	20.1	13.9	18.6	18.7	18.2
6 to 10	7.8	6.8	7.3	9.4	7.0	6.0	9.3	7.3	10.7	11.0	8.4
11 to 15	2.9	2.2	2.3	3.7	2.9	3.1	2.8	2.5	2.7	3.0	0.5
16 to 20	1.1	1.5	0.6	0.8	1.3	1.2	0.5	1.8	0.6	0.7	0.0
more than 20	0.8	0.7	1.2	0.4	1.4	2.3	0.4	0.5	1.3	1.4	0.5
Using a Personal Computer											
none	11.9	11.6	4.8	14.2	11.4	11.9	9.8	11.5	17.9	17.8	19.1
less than one	14.5	15.6	14.6	15.1	12.7	11.3	13.4	14.4	15.7	16.2	11.9
1 to 2	20.7	22.6	16.5	22.6	17.7	17.2	19.3	17.6	12.4	12.0	15.0
3 to 5	21.7	21.2	23.8	19.1	24.8	24.0	23.9	26.6	19.2	19.6	16.1
6 to 10	13.4	12.8	20.2	10.5	15.6	16.7	16.9	13.2	11.7	12.1	8.7
11 to 15	6.9	7.8	9.5	5.6	6.8	6.7	7.1	6.7	5.3	5.1	7.1
16 to 20	4.3	3.2	3.8	5.8	3.8	4.0	4.0	3.4	6.7	7.3	1.8
more than 20	6.6	5.3	6.7	7.1	7.2	8.1	5.6	6.6	11.1	9.9	20.3
Partying											
none	12.6	10.9	10.0	12.4	15.4	14.6	9.8	19.6	15.7	13.7	30.5
less than one	12.7	13.1	12.2	10.3	15.4	14.5	12.5	18.3	11.4	11.5	10.5
1 to 2	15.5	16.3	14.2	16.1	14.3	16.5	13.6	11.3	13.1	12.9	15.0
3 to 5	22.0	25.7	21.9	21.4	18.9	18.6	21.3	18.0	25.0	26.0	18.0
6 to 10	19.5	17.8	21.8	21.8	17.6	18.4	18.8	15.8	16.7	17.4	11.8
11 to 15	8.4	8.0	10.5	7.7	9.0	8.3	11.6	8.8	9.9	10.0	9.6
16 to 20	5.3	4.3	3.4	6.6	5.1	4.2	7.4	5.3	4.6	4.6	4.3
more than 20	4.1	3.9	5.9	3.6	4.3	4.9	5.0	2.9	3.5	4.0	0.4

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	18.6	17.5	28.0	18.7	16.5	19.5	12.2	14.2	21.7	22.3	16.9
less than one	1.9	2.3	1.4	1.4	2.1	2.6	1.2	1.9	1.6	1.4	2.8
1 to 2	2.1	1.8	3.8	1.8	2.3	2.5	2.4	2.0	2.7	2.7	3.1
3 to 5	6.2	5.0	7.0	5.6	7.8	6.3	7.6	10.2	4.4	4.4	4.6
6 to 10	13.9	11.6	16.7	12.1	18.0	18.9	14.6	18.4	7.4	7.8	4.5
11 to 15	12.7	11.2	13.0	13.1	13.7	12.5	17.4	13.7	9.7	9.9	8.0
16 to 20	16.6	19.3	13.0	15.7	16.0	16.5	16.4	15.1	13.8	14.1	11.4
more than 20	28.0	31.2	17.0	31.7	23.5	21.2	28.3	24.5	38.7	37.3	48.7
Clubs or Groups											
none	31.3	31.8	22.8	34.0	30.2	31.4	26.2	30.4	45.6	44.8	51.1
less than one	13.5	12.3	9.7	13.5	15.8	16.4	18.3	13.5	12.7	13.3	8.4
1 to 2	20.4	18.5	21.9	22.4	19.6	18.4	22.7	19.9	20.3	20.6	18.4
3 to 5	19.2	21.7	23.9	16.1	18.8	17.7	18.1	20.9	12.2	12.5	9.5
6 to 10	8.7	9.1	10.4	7.9	8.6	8.7	7.3	9.2	3.9	4.0	3.0
11 to 15	3.4	2.7	5.7	3.1	3.8	3.4	4.7	4.1	3.9	3.2	9.0
16 to 20	1.4	1.6	2.7	1.1	1.2	1.6	0.6	0.9	0.4	0.4	0.0
more than 20	2.1	2.1	2.9	2.0	2.0	2.5	2.1	1.2	1.0	1.1	0.6
Watching TV											
none	4.5	3.6	7.1	3.7	5.6	6.9	3.3	5.0	1.0	0.8	2.7
less than one	11.2	8.7	9.5	9.7	16.4	15.8	11.6	20.0	8.4	8.7	6.4
1 to 2	18.5	17.4	19.0	19.1	19.0	17.6	21.7	19.7	18.9	19.5	13.9
3 to 5	28.0	28.7	28.3	27.5	27.9	26.8	27.5	29.7	23.9	24.3	20.4
6 to 10	21.0	24.4	15.6	22.1	17.8	19.3	19.9	14.4	27.1	25.6	38.7
11 to 15	8.0	8.5	11.8	7.4	7.2	6.7	9.2	6.8	10.7	10.9	9.3
16 to 20	3.8	4.6	5.0	3.9	2.4	2.3	3.9	1.6	4.8	5.0	2.9
more than 20	4.9	4.2	3.7	6.8	3.7	4.6	3.0	2.8	5.3	5.2	5.8
Commuting											
none	36.1	31.6	42.4	36.1	38.9	36.8	36.2	43.6	29.2	30.6	19.3
less than one	15.9	17.8	20.6	13.0	16.1	14.0	13.5	20.8	12.1	12.9	6.5
1 to 2	18.1	20.0	16.0	18.9	15.6	15.3	17.8	14.9	17.7	17.0	22.9
3 to 5	15.4	17.2	11.0	14.8	15.6	18.4	13.9	12.2	20.9	20.8	21.1
6 to 10	9.2	8.8	6.9	10.1	9.0	10.3	12.1	5.5	12.9	11.4	23.6
11 to 15	2.9	2.9	1.4	3.9	1.9	2.2	2.3	1.3	4.4	4.4	4.4
16 to 20	1.3	0.8	1.6	1.9	1.1	1.2	2.5	0.2	0.6	0.7	0.0
more than 20	1.2	0.9	0.0	1.2	1.8	1.9	1.8	1.6	2.2	2.2	2.1
Religious Services or Meetings											
none	41.4	46.4	50.1	40.0	35.2	40.6	21.9	34.1	40.1	41.7	28.0
less than one	24.9	29.9	21.6	22.9	23.1	21.3	29.5	22.4	25.0	25.3	22.3
1 to 2	24.1	18.4	21.7	26.8	27.5	23.6	42.0	25.7	25.7	24.3	35.7
3 to 5	6.7	3.9	5.2	6.5	10.6	9.8	5.5	14.5	7.2	6.5	12.3
6 to 10	2.1	0.9	1.3	3.0	2.6	3.1	0.5	2.9	1.7	1.8	1.5
11 to 15	0.2	0.1	0.0	0.1	0.5	0.5	0.2	0.4	0.3	0.4	0.0
16 to 20	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
more than 20	0.4	0.3	0.2	0.3	0.5	1.0	0.4	0.0	0.0	0.0	0.0

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	20.2	23.6	19.0	18.4	18.9	19.6	17.1	19.0	14.9	15.9	7.3
less than one	22.1	20.9	21.0	23.1	22.4	19.4	26.0	25.2	17.6	17.7	16.3
1 to 2	26.3	28.2	25.5	24.5	26.6	27.1	25.5	26.4	30.8	30.9	30.1
3 to 5	18.5	15.8	21.0	19.8	19.0	18.5	18.2	20.3	23.2	21.5	35.4
6 to 10	8.3	6.2	9.4	10.1	7.7	8.9	8.2	5.8	8.9	9.2	7.1
11 to 15	2.2	3.1	1.7	1.4	2.2	2.2	3.5	1.6	2.8	2.8	3.0
16 to 20	1.1	0.6	0.6	0.9	2.1	3.3	0.5	1.2	0.8	0.9	0.0
more than 20	1.4	1.6	1.7	1.6	1.0	1.2	1.0	0.6	1.0	1.0	0.9
Classes or Labs											
none	5.5	3.9	2.4	7.0	6.4	7.2	5.2	6.0	17.0	17.5	13.5
less than one	0.8	0.7	0.3	1.5	0.3	0.1	1.1	0.1	2.1	0.5	14.1
1 to 2	1.2	1.1	0.2	1.5	1.2	1.4	1.8	0.6	2.0	2.2	0.7
3 to 5	4.5	4.8	5.5	3.7	4.7	4.0	5.7	5.2	6.5	5.7	12.0
6 to 10	13.8	11.8	19.3	12.6	15.7	18.8	13.3	12.2	11.8	12.2	8.9
11 to 15	33.8	36.9	36.6	31.8	31.9	27.5	33.6	37.9	23.7	23.8	23.0
16 to 20	25.5	26.2	25.8	26.4	23.5	21.7	27.4	24.4	21.5	22.3	15.1
more than 20	15.0	14.6	9.9	15.5	16.2	19.4	11.8	13.7	15.3	15.6	12.7
Studying or Doing Homework											
none	4.7	3.9	2.1	5.1	5.9	7.0	3.7	5.3	13.4	13.7	10.9
less than one	0.7	0.9	1.3	0.3	0.7	0.7	0.9	0.5	4.3	2.8	15.5
1 to 2	5.7	6.0	4.2	6.7	4.7	4.1	6.3	4.9	4.0	3.6	6.4
3 to 5	17.0	13.8	15.4	21.4	15.3	17.0	12.5	14.1	17.6	17.3	19.5
6 to 10	26.0	28.1	22.4	25.5	25.6	25.6	28.8	23.9	22.7	23.3	18.7
11 to 15	18.8	19.7	20.3	17.0	19.7	18.0	21.4	21.4	16.4	17.0	11.9
16 to 20	13.4	14.2	16.9	11.5	13.7	11.9	13.6	16.4	12.2	12.2	11.9
more than 20	13.7	13.5	17.3	12.5	14.4	15.6	12.7	13.4	9.5	10.1	5.2
Talking w/Faculty Outside Class											
none	15.1	17.2	11.1	16.5	12.2	14.4	11.3	9.3	30.1	29.3	36.1
less than one	44.8	49.6	52.4	44.9	37.4	34.6	40.0	40.2	38.8	39.9	30.3
1 to 2	28.5	24.8	26.9	28.5	33.1	30.6	34.3	36.1	22.7	22.4	24.6
3 to 5	9.1	7.2	8.5	7.6	13.3	14.3	11.8	12.5	6.2	6.6	3.5
6 to 10	1.8	0.8	0.7	2.1	2.8	4.0	1.6	1.5	1.9	1.5	4.2
11 to 15	0.3	0.0	0.1	0.4	0.6	0.8	0.8	0.1	0.3	0.2	1.3
16 to 20	0.2	0.3	0.0	0.0	0.3	0.3	0.2	0.2	0.0	0.0	0.0
more than 20	0.2	0.2	0.3	0.0	0.5	1.0	0.1	0.0	0.0	0.0	0.0

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NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	6.3	9.0	8.1	5.8	3.7	4.2	3.7	3.1	6.2	6.0	7.6
one	18.5	17.4	13.3	23.7	14.9	18.3	10.7	11.8	23.2	22.2	30.7
more than one	75.1	73.6	78.7	70.5	81.4	77.5	85.6	85.1	70.6	71.8	61.7
Emotional Support/Encouragement											
none	22.7	29.8	25.4	24.3	12.3	13.9	13.3	9.3	24.2	24.4	22.7
one	23.1	25.7	24.3	23.2	19.9	21.0	17.3	19.5	29.4	29.4	29.4
more than one	54.2	44.5	50.3	52.4	67.8	65.1	69.3	71.2	46.4	46.2	47.9
Sponsorship for Special Programs											
none	47.7	56.4	46.4	51.6	34.1	35.2	43.0	27.6	61.4	62.1	56.1
one	22.4	21.7	21.8	21.5	24.5	25.9	22.7	23.3	17.7	17.1	22.8
more than one	29.9	21.9	31.8	26.9	41.4	38.9	34.3	49.1	20.9	20.9	21.1
Letter of Recommendation for Job											
none	27.0	31.0	17.7	32.6	18.7	21.5	18.4	14.6	30.3	30.9	25.5
one	14.1	18.4	11.9	13.2	11.3	12.7	11.6	8.9	22.5	21.8	27.8
more than one	58.9	50.6	70.4	54.2	70.0	65.7	70.0	76.4	47.2	47.3	46.7
Help Cutting Through "Red Tape"											
none	38.1	45.5	38.1	40.6	27.2	28.7	29.7	23.6	43.6	43.0	47.7
one	24.4	27.3	28.0	21.9	23.5	23.0	25.2	23.3	29.3	29.1	30.9
more than one	37.5	27.2	34.0	37.5	49.3	48.3	45.1	53.0	27.2	27.9	21.4
Tutorial Assist in Study Skills											
none	31.5	39.0	43.2	27.8	24.7	27.8	23.8	20.4	26.4	26.9	22.5
one	21.9	22.0	17.4	24.1	20.5	17.6	21.2	24.7	24.7	24.3	27.5
more than one	46.5	39.0	39.4	48.1	54.7	54.6	55.0	54.8	49.0	48.8	50.0
Honest Feedback About Skills											
none	13.5	17.8	14.2	14.0	8.2	9.2	7.4	7.3	16.1	17.0	9.6
one	19.9	22.3	19.3	20.9	16.4	16.1	15.2	17.5	25.1	25.9	19.4
more than one	66.5	59.9	66.5	65.1	75.4	74.8	77.3	75.2	58.7	57.1	71.0
Intellect Challenge/Stimulation											
none	8.1	9.5	5.2	9.0	6.4	7.4	5.6	5.3	15.0	15.6	10.9
one	14.9	16.1	8.8	18.9	10.5	9.0	13.1	11.2	20.0	20.3	18.2
more than one	77.0	74.4	86.0	72.1	83.1	83.6	81.3	83.5	65.0	64.2	70.8
Role Model											
none	26.8	31.6	31.2	27.6	19.6	22.0	16.7	17.4	29.8	30.8	23.1
one	22.1	23.1	19.3	22.9	20.6	21.2	23.3	18.4	30.2	29.5	35.0
more than one	51.1	45.3	49.5	49.5	59.8	56.8	60.0	64.2	40.0	39.7	41.9

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Year Graduated from High School											
1987	97.5	99.2	99.1	95.8	97.1	96.2	99.8	97.2	92.5	92.1	96.1
1986	1.5	0.7	0.9	3.0	0.6	0.8	0.0	0.5	3.1	3.3	1.5
1985	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.2	1.3	0.0
1984 or earlier	0.9	0.1	0.0	0.8	2.3	2.9	0.2	2.2	3.0	3.1	2.4
H.S. equivalency (G.E.D. test)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
never completed high school	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Age on December 31, 1991											
20 or younger	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
21	1.7	2.0	4.8	0.9	1.5	1.0	4.3	0.9	1.9	2.1	0.0
22	73.9	76.3	78.5	69.8	74.5	73.7	79.6	73.2	73.0	73.2	72.0
23	21.7	21.5	15.5	26.1	18.7	21.5	15.6	15.7	19.0	18.3	25.7
24	0.9	0.2	1.1	1.8	0.6	0.8	0.3	0.5	3.1	3.4	0.0
25 to 28	1.5	0.0	0.0	0.7	4.5	2.7	0.2	9.6	2.1	2.2	0.8
29 to 33	0.3	0.1	0.0	0.6	0.1	0.2	0.0	0.0	0.7	0.8	0.0
34 to 43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.6
44 to 58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)											
White/Caucasian	87.2	89.7	85.0	85.8	86.7	81.3	96.2	91.0	93.4	93.9	88.3
African-American/Black	8.1	5.1	5.5	10.0	10.1	14.5	1.2	7.1	2.2	1.4	9.7
American Indian	0.5	0.3	0.3	0.3	0.8	0.8	0.9	0.9	0.4	0.4	0.0
Asian-American/Oriental	2.6	2.7	7.5	1.8	1.9	2.6	1.4	0.8	1.4	1.4	1.9
Mexican-American/Chicano	1.3	1.4	2.0	1.8	0.5	0.7	0.0	0.3	0.0	0.0	0.0
Puerto Rican-American	0.4	0.5	0.5	0.5	0.3	0.3	0.5	0.3	0.7	0.8	0.0
other	1.1	1.3	2.3	0.6	1.1	1.2	0.5	1.3	3.1	3.5	0.0
Have Met or Exceeded Recommended Years of High School Study (2)											
English (4 years)	95.7	98.6	96.3	94.8	93.5	94.8	98.1	88.9	95.4	96.3	87.7
mathematics (3 years)	94.8	97.3	99.4	95.5	89.5	82.7	97.5	96.7	92.1	93.0	84.1
foreign language (2 years)	79.8	81.5	94.8	74.7	78.9	80.8	83.1	73.6	76.8	79.0	56.1
physical science (2 years)	61.1	67.5	65.1	54.1	60.6	63.8	57.3	56.6	54.6	55.6	45.3
biological science (2 years)	34.1	29.8	37.9	32.1	39.9	42.4	30.6	40.6	29.1	29.7	23.9
history/Am government.(1 year)	99.5	100.0	100.0	99.6	98.6	97.9	98.4	99.7	98.3	98.4	98.0
computer science (1/2 year)	65.3	61.5	67.7	66.3	67.5	64.2	69.2	72.2	71.9	74.1	52.2
art or music (1 year)	60.3	62.9	62.5	56.7	60.9	59.0	57.0	66.0	60.2	60.2	60.3
Took Credit Courses at Freshman College Before Enrollment											
no	97.2	97.1	94.5	97.2	98.5	98.4	98.6	98.6	93.1	93.7	87.6
yes	2.8	2.9	5.5	2.8	1.5	1.6	1.4	1.4	6.9	6.3	12.4
Status of Parents in 1987											
together	78.4	79.9	80.0	76.9	77.8	76.8	79.4	78.8	78.8	78.7	79.9
divorced or separated	17.2	15.9	16.4	18.6	17.3	18.5	15.2	16.5	16.7	16.8	15.8
one or both deceased	4.4	4.1	3.6	4.5	4.8	4.7	5.3	4.8	4.5	4.6	4.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Average High School Grade											
A or A+	11.2	13.7	28.1	6.4	8.4	8.2	5.9	10.2	4.4	4.6	2.0
A-	12.0	15.8	15.2	8.6	10.6	11.0	12.1	9.1	6.0	6.4	2.7
B+	19.5	21.9	24.0	17.0	18.2	17.9	18.3	18.6	19.5	20.0	14.7
B	23.3	23.9	15.6	25.9	22.1	19.6	28.3	23.2	21.8	22.6	15.1
B-	16.5	15.7	10.6	18.7	16.9	15.1	21.0	17.9	26.3	27.5	14.9
C+	9.7	5.0	6.3	12.5	12.9	13.1	9.4	14.5	10.2	9.1	21.4
C	7.5	4.1	0.2	10.3	10.3	15.1	5.1	4.9	11.0	9.5	25.8
D	0.4	0.0	0.0	0.7	0.5	0.0	0.0	1.7	0.6	0.3	3.5
Average Undergraduate Grade											
A	4.8	5.3	6.7	3.4	5.2	3.5	3.4	8.8	2.8	2.5	5.6
B+,A-	22.9	20.8	31.1	20.8	24.9	25.1	25.5	24.2	13.5	14.2	6.8
B	36.7	42.7	38.7	30.7	36.3	34.9	40.0	36.9	44.3	45.1	37.1
C+,B-	24.3	17.3	18.4	31.6	25.2	26.8	26.6	21.8	21.0	20.5	25.8
C	9.1	10.9	4.0	11.1	6.5	6.3	4.6	7.7	15.7	15.3	18.8
C- or less	2.3	2.9	1.0	2.3	2.0	3.4	0.0	0.6	2.7	2.4	5.9
Degree Aspirations in 1987											
none	0.8	0.5	0.7	1.1	0.7	0.7	1.3	0.7	3.2	3.5	0.0
vocational certificate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.0
associate (AA or equivalent)	1.2	0.5	0.0	1.0	2.8	5.0	0.5	0.0	6.8	7.2	2.4
bachelor's (BA, BS, etc)	29.1	27.1	12.6	36.9	28.7	29.9	32.0	25.1	52.5	53.3	45.2
master's (MA, MS, etc)	38.6	39.6	39.4	40.7	35.0	32.8	41.4	36.0	27.4	27.1	29.8
PhD or EdD	15.8	19.1	22.9	12.8	13.0	13.6	7.8	14.3	3.8	4.0	1.8
MD, DO, DDS, DVM	7.5	7.9	11.5	4.1	9.3	7.8	6.1	13.6	1.8	1.2	7.1
LLB or JD (law)	5.7	4.8	9.8	2.5	8.8	8.5	10.2	8.5	2.3	1.7	8.6
BD or MDiv (divinity)	0.7	0.4	2.7	0.5	0.5	0.4	0.4	0.7	0.0	0.0	0.0
other	0.5	0.1	0.4	0.3	1.1	1.3	0.4	1.2	1.3	1.0	4.3
Highest Degree Earned by 1991											
none	44.9	49.4	32.2	55.3	32.6	32.9	26.3	35.3	41.4	41.9	37.1
vocational certificate	1.6	2.9	0.0	1.8	0.6	1.0	0.0	0.4	2.1	2.2	0.9
associate (AA or equivalent)	5.7	6.5	1.3	6.9	4.8	6.4	3.2	2.9	21.6	20.1	36.5
bachelor's (BA, BS, etc.)	46.8	40.0	65.2	34.7	61.4	59.3	70.0	60.4	30.5	31.2	23.7
master's (MA, MS, etc.)	0.6	0.5	0.7	0.9	0.3	0.0	0.0	1.0	0.7	0.8	0.0
PhD or EdD	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BD or MDiv (divinity)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other	0.4	0.5	0.5	0.3	0.2	0.2	0.4	0.0	3.6	3.8	1.8
Degree Aspirations in 1991											
none	1.3	0.9	0.3	0.7	2.8	3.8	2.4	1.4	2.5	2.0	6.1
vocational certificate	0.3	0.5	0.0	0.5	0.0	0.0	0.2	0.0	1.0	0.8	2.5
associate (AA or equivalent)	1.1	0.8	0.5	1.7	0.9	0.9	1.3	0.8	6.5	5.9	11.5
bachelor's (BA, BS, etc.)	30.2	31.1	13.2	37.7	25.8	25.8	21.4	27.8	47.0	49.0	29.8
master's (MA, MS, etc.)	37.2	36.6	35.4	37.1	38.7	35.2	49.7	38.8	29.7	29.1	34.5
PhD or EdD	15.0	14.0	20.3	14.5	15.0	16.1	11.2	15.2	7.7	7.4	10.5
MD, DO, DDS, DVM	5.8	6.3	10.7	3.5	6.4	6.8	3.2	7.3	0.8	0.9	0.0
JD or LLB (law)	7.1	7.8	16.9	3.0	7.7	8.8	8.4	5.6	1.4	1.5	0.0
BD or MDiv (divinity)	0.6	0.8	0.6	0.1	0.9	0.5	0.8	1.5	0.3	0.2	1.7
other	1.4	1.3	2.2	1.1	1.8	2.1	1.5	1.5	3.1	3.1	3.5

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Freshman College was Student's											
first choice	67.8	70.4	68.3	66.1	66.5	63.2	69.5	70.7	72.5	72.8	69.8
second choice	23.0	23.4	21.4	23.8	21.9	24.9	22.0	16.9	21.5	21.7	19.8
third choice	6.1	4.4	7.1	6.0	7.8	8.1	6.0	8.1	3.9	3.4	8.9
less than third choice	3.2	1.8	3.1	4.0	3.8	3.8	2.5	4.3	2.1	2.1	1.4
College Experiences Noted Very Satisfactory or Satisfactory (3)											
science and mathematics courses	64.6	63.8	65.0	65.4	64.2	63.4	63.7	65.6	65.2	65.0	67.5
humanities courses	67.3	68.1	76.3	62.9	68.4	67.2	76.4	66.0	68.3	68.2	68.5
social science courses	67.2	67.2	75.2	65.2	66.7	63.6	71.4	69.3	61.4	62.6	50.1
courses in major field	81.0	78.7	87.5	81.9	80.1	78.6	82.8	81.1	78.2	79.1	69.5
relevance of coursework to life	51.0	49.6	47.4	51.9	52.8	50.5	58.8	53.4	47.1	45.5	62.5
overall quality of instruction	70.6	68.7	81.8	67.8	72.4	70.4	76.3	73.5	63.7	64.0	60.3
lab facilities and equipment	60.4	64.4	67.1	63.6	49.4	49.8	51.3	47.8	71.6	71.4	73.6
library facilities	68.5	86.6	68.3	64.7	52.4	53.1	60.6	47.1	76.4	77.9	62.9
computer facilities	69.5	75.7	74.4	69.7	60.5	58.3	63.7	62.7	71.7	71.6	73.5
oppty for interdisciplin courses	53.3	54.8	54.7	50.6	54.1	51.8	50.1	59.8	41.2	43.6	22.8
oppty to talk to professors	70.8	60.1	78.4	70.5	80.7	78.6	87.2	80.7	64.0	63.4	69.4
oppty for extracurr activities	79.0	78.9	80.2	76.8	81.5	78.5	79.3	87.5	68.9	68.7	70.2
campus social life	64.3	74.5	60.5	61.2	57.9	56.3	66.5	56.4	64.7	66.3	50.1
academic tutoring or assistance	60.3	60.5	55.8	60.3	61.4	60.5	64.1	61.6	49.2	50.7	37.2
academic advising	44.7	33.0	43.2	45.6	56.8	52.0	57.2	64.4	42.1	43.0	34.6
career counseling and advising	38.5	30.7	42.3	41.6	42.3	44.4	41.6	39.2	37.2	36.5	43.5
personal counseling	36.7	25.8	46.9	38.1	43.2	39.1	43.6	50.9	36.9	36.8	37.9
student housing	47.0	51.2	59.2	40.6	45.3	41.4	54.3	48.0	38.8	39.1	36.5
financial aid services	38.9	35.9	45.1	37.8	41.2	35.0	41.9	53.1	42.8	42.6	45.0
contact with faculty and admin	57.0	42.5	66.2	59.4	67.0	57.9	73.0	79.1	51.8	50.7	61.4
oppty to attend films,concerts	67.4	77.0	72.5	61.7	61.7	59.7	57.9	67.0	57.7	57.9	56.2
job placement services	39.2	42.8	45.9	36.7	36.0	35.9	34.4	37.0	45.7	47.2	29.5
campus health services	55.8	59.2	59.4	58.7	47.5	42.3	49.4	55.3	47.6	47.4	49.6
class size	70.8	45.2	84.3	76.6	88.3	86.4	88.3	91.6	61.4	60.3	70.9
interaction with other students	80.6	78.5	77.2	81.8	82.9	80.9	84.9	85.1	73.4	72.5	81.9
ability to find faculty/staff	60.1	48.3	58.6	60.9	72.5	68.2	71.3	80.1	49.6	48.2	62.3
diversity of the faculty	57.8	52.1	65.0	60.5	58.7	60.2	64.6	53.3	52.3	52.3	52.0
leadership opportunities	56.1	50.7	60.9	55.5	60.6	56.4	63.2	66.5	42.4	41.4	51.7
overall college experience	74.4	73.7	79.2	74.2	73.7	73.0	77.3	73.2	65.2	65.9	59.1
Enroll at Freshman College Again											
definitely yes	31.5	34.7	39.3	28.8	28.3	27.0	27.9	30.7	33.3	34.8	19.8
probably yes	28.8	29.2	27.4	31.5	25.4	21.9	33.0	27.5	30.3	31.5	19.8
don't know	5.1	2.7	6.5	7.1	4.8	6.0	4.1	3.1	3.4	3.5	2.7
probably not	21.0	18.4	16.8	21.9	24.5	29.7	20.5	17.5	16.9	16.2	23.5
definitely not	13.7	15.0	9.9	10.7	17.1	15.5	14.5	21.2	16.1	14.1	34.2

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Took Time Off, Withdrew or Transferred											
no	62.8	61.3	74.2	63.6	59.2	51.9	65.7	68.9	51.9	54.3	30.2
transferred	21.7	21.2	17.2	18.1	28.5	33.8	23.0	21.8	25.2	23.9	37.1
withdrew	7.2	8.3	1.7	9.3	5.3	5.8	6.0	4.0	9.6	8.8	16.9
leave of absence	8.3	9.2	6.9	9.0	7.0	8.5	5.2	5.4	13.3	13.0	15.8
Reasons Noted as Very Important for Taking Time Off (4)											
reconsider goals and interests	38.9	44.2	29.7	40.4	34.3	34.3	21.3	42.1	47.0	46.3	*51.0*
changed career plans	23.2	23.6	15.9	22.9	24.9	30.3	14.7	15.9	37.4	38.2	*32.9*
wanted practical experience	15.3	11.9	11.2	16.3	18.7	23.2	4.6	14.6	21.4	20.6	*26.9*
didn't "fit in"	19.1	18.1	24.6	20.4	17.5	11.6	18.9	33.6	22.3	22.0	*24.4*
was bored with course work	16.3	21.8	15.3	14.4	13.0	15.5	7.8	8.8	11.4	12.3	*5.3*
wanted better acad reputation	18.4	9.8	10.3	27.8	18.8	20.5	12.8	17.6	12.6	10.3	*27.7*
wanted better social life	11.8	10.3	20.7	13.4	9.5	6.2	16.6	14.2	6.2	4.0	*20.5*
wanted to be closer to home	6.8	3.0	9.1	7.8	8.9	8.8	4.1	11.9	3.9	2.9	*10.3*
had good job offer	5.8	6.4	5.0	4.0	7.3	8.4	2.4	7.2	16.5	17.8	*7.5*
wasn't doing well academically	32.7	40.1	30.8	36.8	21.5	26.3	13.9	12.8	17.7	16.1	*27.5*
family responsibilities	6.5	7.2	6.5	5.0	7.3	9.3	1.9	4.7	4.1	3.8	*6.2*
tired of being student	9.3	10.3	8.9	9.2	8.5	11.1	1.4	5.6	4.3	3.4	*10.6*
couldn't afford college	21.2	23.4	10.0	22.8	19.6	17.7	27.4	20.0	16.2	13.6	*32.4*
wanted wider course selection	17.7	7.3	20.9	16.9	27.6	25.2	18.9	38.9	16.8	13.5	*30.4*
worked on school-related project	2.1	1.4	2.5	2.7	2.2	2.4	0.0	2.7	1.0	1.1	*0.0*
ENROLLMENT STATUS											
First Year											
attended freshman college	98.1	99.2	99.3	97.6	97.0	99.3	98.9	92.3	98.3	98.2	100.0
attended different college	1.5	0.8	0.7	1.1	2.9	0.7	0.9	7.7	0.2	0.2	0.0
not enrolled	0.4	0.0	0.0	1.3	0.1	0.1	0.2	0.0	1.5	1.6	0.0
Second Year											
attended freshman college	80.3	79.8	87.1	83.4	74.3	70.2	79.7	78.7	77.9	78.2	75.3
attended different college	15.0	13.1	10.6	11.7	23.1	27.5	18.9	17.4	12.7	11.9	20.3
not enrolled	4.7	7.1	2.3	4.9	2.6	2.4	1.4	3.9	9.4	9.9	4.4
Third Year											
attended freshman college	70.3	70.0	81.7	72.2	63.9	58.6	74.3	67.2	48.8	51.8	21.3
attended different college	22.0	22.1	16.2	16.3	31.3	35.4	21.4	29.6	37.3	34.5	63.9
not enrolled	7.7	7.9	2.1	11.5	4.8	6.0	4.4	3.2	13.8	13.7	14.8
Fourth Year											
attended freshman college	74.1	73.4	84.8	74.0	71.0	68.3	71.5	75.3	47.0	49.2	23.5
attended different college	18.0	16.2	11.5	17.0	24.1	25.9	24.3	20.9	41.7	40.0	60.2
not enrolled	7.9	10.5	3.7	9.0	4.9	5.8	4.2	3.8	11.3	10.8	16.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Student Rated Self Above Average or Highest 10% in 1987											
academic ability	68.4	76.0	86.6	62.6	60.3	56.7	57.9	67.5	51.5	51.7	49.8
artistic ability	28.6	33.1	28.7	24.8	27.9	29.9	25.6	25.6	23.7	21.9	40.3
drive to achieve	65.2	65.8	75.3	58.7	68.8	71.6	64.3	66.2	56.0	56.4	52.4
emotional health	65.3	67.4	72.8	59.0	68.0	68.8	62.4	69.5	59.5	59.6	58.0
foreign language ability	29.4	34.8	40.5	21.7	28.8	29.1	29.7	27.7	24.0	25.1	14.0
leadership ability	60.5	59.2	70.5	55.5	64.5	64.5	57.4	68.2	47.1	45.8	59.3
mathematical ability	56.4	65.6	66.3	54.2	45.2	40.3	43.2	54.5	44.6	45.4	37.2
physical health	72.3	77.2	76.1	71.2	66.8	62.1	71.7	72.2	73.3	74.7	61.2
popularity	54.3	57.4	61.7	51.9	51.0	52.0	50.9	49.4	53.0	52.9	53.8
popularity with opposite sex	49.4	51.7	55.0	47.1	47.5	47.5	47.0	47.7	47.9	47.3	53.1
public speaking ability	38.4	38.6	47.8	35.7	38.0	39.0	29.0	40.8	27.0	27.2	25.2
self-confidence (intellectual)	64.6	69.3	74.5	60.0	61.6	63.6	54.0	61.8	46.8	45.1	63.0
self-confidence (social)	53.3	56.6	56.7	48.0	54.8	55.3	51.4	55.4	46.4	45.6	54.5
writing ability	44.0	47.4	63.6	39.7	38.3	36.2	41.2	40.4	33.9	34.0	32.9
in 1991											
academic ability	75.1	82.9	86.1	66.9	72.5	72.1	72.7	73.0	61.9	63.2	50.1
artistic ability	30.3	32.2	31.5	26.5	32.5	36.0	30.3	27.5	26.1	24.6	40.6
competitiveness	70.9	74.1	73.4	68.1	69.8	70.2	72.4	67.9	62.6	63.6	52.9
drive to achieve	71.4	72.8	73.8	67.4	73.9	71.9	70.3	79.3	64.7	65.9	54.0
emotional health	68.4	68.9	72.4	64.9	70.5	68.2	65.3	77.1	62.5	63.7	51.2
foreign language ability	30.5	35.3	37.7	23.1	31.5	33.4	23.9	32.2	19.7	19.9	17.3
leadership ability	68.8	65.3	77.2	66.5	72.6	73.4	68.5	73.5	63.0	62.3	69.4
mathematical ability	53.7	61.5	61.9	50.4	46.3	42.3	45.8	53.3	51.3	51.8	46.3
physical health	69.4	70.2	72.1	69.8	67.1	66.9	66.5	67.8	65.3	64.8	70.5
popularity	56.2	56.0	62.9	53.3	57.5	55.7	58.8	59.8	47.8	48.0	46.6
popularity with opposite sex	49.6	49.2	55.7	46.5	51.8	53.1	49.0	50.9	45.3	45.5	43.4
public speaking ability	49.6	48.5	59.3	47.8	49.7	50.7	47.8	49.0	40.7	40.2	45.1
self-confidence (intellectual)	74.6	78.6	84.3	68.1	74.4	72.2	74.5	78.1	62.1	62.6	57.3
self-confidence (social)	57.9	56.8	65.0	54.3	60.8	61.7	60.1	59.4	54.9	54.4	58.8
writing ability	59.6	64.1	71.3	53.5	57.9	56.4	64.9	56.8	48.9	49.8	40.1
Students Reporting At Least One Faculty Member Provided (5)											
advice/guidance about educ pgm	93.0	89.2	91.4	94.7	95.8	95.7	94.1	96.9	90.7	90.6	91.3
emotional support/encouragement	74.9	65.9	68.1	76.7	85.3	85.1	80.2	88.3	69.4	70.4	59.7
sponsorship for special programs	48.9	38.1	45.1	49.1	62.1	58.8	52.5	72.4	38.9	38.7	40.3
letter of recommendation for job	68.6	61.2	76.7	65.9	77.3	71.1	80.5	86.2	62.4	62.1	65.9
help cutting through "red tape"	63.0	51.0	62.2	64.5	75.2	73.2	75.7	78.2	59.6	59.5	60.1
tutorial assist in study skills	65.8	57.5	55.0	72.1	71.1	67.5	75.1	75.2	73.3	73.1	75.5
honest feedback about skills	85.9	80.8	82.4	87.0	91.7	91.5	91.4	92.2	82.5	82.0	87.5
intellect challenge/stimulation	92.9	91.0	93.5	94.0	93.4	92.0	94.7	95.2	87.7	87.8	86.7
role model	68.8	62.6	60.9	71.0	75.8	72.6	80.8	78.7	61.8	61.9	60.7

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Events Considered Very Likely to Occur (Reported in 1987)											
be elected to student office	4.4	4.5	5.7	3.3	5.1	5.7	5.2	4.0	3.0	2.7	5.9
be satisfied with college	50.6	53.7	60.4	48.9	45.8	42.1	50.7	49.7	46.2	47.4	33.2
change career choice	11.0	11.7	12.5	9.2	11.9	10.8	14.0	12.7	10.2	10.4	8.6
change major field	13.4	16.9	13.7	10.8	12.8	13.3	13.1	11.6	14.0	14.2	12.4
drop out permanently	0.8	0.8	0.6	1.0	0.5	0.5	0.3	0.5	0.6	0.7	0.0
drop out temporarily	2.0	1.4	3.4	0.5	3.9	6.3	0.0	1.6	0.6	0.7	0.0
get job to pay expenses	34.9	37.0	41.3	30.9	34.9	35.8	44.6	28.1	35.3	35.0	38.3
get married while in college	2.5	3.3	3.2	2.8	1.2	0.7	1.3	2.2	1.5	1.7	0.0
graduate with honors	14.6	15.5	18.9	14.5	12.3	13.2	10.8	11.4	7.2	7.0	9.7
join social frat or sorority	19.9	20.7	32.4	14.8	20.4	19.4	13.9	25.7	11.4	9.5	30.0
make at least "B" average	42.6	47.7	56.0	36.5	39.6	38.0	45.6	39.2	34.0	34.3	31.2
participate in student protests	5.7	6.3	7.4	3.7	6.8	7.4	5.6	6.3	7.0	7.0	7.4
play varsity athletics	21.0	12.4	24.3	22.1	27.8	22.8	30.9	35.1	16.1	13.8	39.2
transfer to another college	9.6	4.2	5.5	10.9	15.2	13.5	6.3	22.8	11.0	10.6	14.9
work at outside job	14.5	20.6	14.3	13.3	9.5	9.0	15.3	7.5	17.4	18.2	10.3
work full-time while attending	2.6	3.6	2.7	2.1	2.0	2.4	3.0	0.9	3.6	3.5	4.6
Events Occurring Since Entering College											
was elected to student office	18.2	13.8	23.3	17.2	22.5	22.1	19.0	24.9	12.4	12.6	10.2
was satisfied w/freshman coll(6)	73.1	72.8	78.1	72.4	72.4	70.8	77.1	72.7	64.2	64.9	58.0
changed career choice (6)	54.2	56.8	53.6	52.7	52.9	46.3	46.0	66.5	54.4	53.9	59.1
changed major field (6)	51.5	54.5	50.4	47.9	52.3	53.6	43.6	54.5	46.6	45.5	57.5
dropped out permanently (6)	7.0	8.1	1.6	9.1	5.1	5.6	5.9	3.7	9.4	8.5	16.8
dropped out temporarily (6)	8.1	9.1	6.8	8.8	6.8	8.3	5.0	5.0	13.0	12.7	15.7
had part-time job off campus	60.6	66.4	50.3	60.0	58.4	55.5	61.8	61.7	63.3	63.5	60.9
had part-time job on campus	44.1	41.7	48.3	36.1	55.0	50.2	52.6	64.4	32.7	31.7	41.5
got married	5.0	6.0	1.6	4.5	5.5	2.6	1.5	12.7	2.2	1.8	6.1
graduated with honors	12.1	10.3	18.0	9.2	15.7	15.0	11.6	19.1	5.9	5.8	6.9
in intercollegiate sports	31.3	22.8	35.2	29.1	42.3	41.6	40.4	44.3	19.6	17.0	44.1
joined a fraternity or sorority	27.3	28.2	38.2	25.6	24.4	26.6	14.0	25.9	13.2	14.0	6.0
made at least "B" average (6)	64.3	68.8	76.5	55.0	66.4	63.5	68.8	69.9	60.6	61.8	49.5
participated in student protests	20.9	20.7	24.1	17.6	23.8	31.0	13.8	16.6	8.1	8.4	5.3
transferred before graduating(6)	21.2	20.8	17.0	17.6	27.4	33.0	22.4	20.5	24.6	23.3	36.8
worked full-time while student	15.7	20.5	8.5	15.9	12.7	13.7	12.2	11.1	19.2	20.0	11.3
Other College Activities											
actively involved in student org	43.1	38.0	47.1	43.6	46.8	46.2	49.9	46.2	32.8	33.1	30.3
attd racial/cultural workshop	20.0	21.0	20.6	18.9	19.9	21.9	12.7	20.0	11.7	12.3	5.9
enrolled in ethnic std course	19.2	19.9	24.7	16.7	19.5	20.8	15.0	19.4	12.1	11.8	15.0
enrolled in honors program	29.3	23.9	37.1	29.7	32.3	32.3	21.2	38.0	20.1	20.4	16.7
enrolled in women's std course	7.0	6.4	9.6	4.5	9.7	12.0	4.2	8.7	2.4	2.3	3.6
faculty took interest in me	50.5	41.9	53.9	48.1	62.1	61.4	57.2	65.7	27.8	25.3	50.5
in college internship program	20.5	17.2	20.5	19.2	25.9	23.0	29.1	29.4	19.4	18.7	25.7
in social/ethnic student org	8.3	7.7	16.1	5.9	9.3	10.4	4.7	9.8	4.1	4.5	0.0
in study abroad program	7.2	3.9	15.6	3.5	12.6	14.0	7.1	13.0	2.7	1.5	14.1
participated in leadership class	17.7	13.4	17.4	21.6	17.8	17.1	21.1	17.4	13.6	14.0	10.1
participated in ROTC	5.7	5.4	8.8	7.7	2.7	2.1	4.0	2.9	4.2	4.6	0.0
served as residence advisor/asst	8.5	7.2	5.3	8.7	10.9	13.0	8.7	8.4	4.4	4.1	6.7
took remedial/develop class	8.8	4.5	4.9	13.1	9.6	9.2	8.7	10.8	12.0	11.4	17.7
worked on prof's research proj	15.8	15.2	16.0	16.9	15.2	14.0	13.2	18.1	11.7	11.3	14.9

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Activities in the Last Year											
Reported in 1987											
attended a religious service	83.2	81.9	86.5	82.0	85.0	80.9	90.6	88.9	79.2	78.0	89.7
attended recital or concert	79.4	79.7	85.6	76.5	80.3	81.7	72.6	81.8	69.6	69.0	75.4
did extra work for class (7)	9.1	7.4	12.9	10.4	8.2	8.1	9.7	7.5	4.5	4.3	6.0
didn't complete homework on time	75.4	75.8	72.9	76.0	75.0	72.4	76.7	78.3	65.1	63.7	78.1
drank beer	71.3	74.2	70.1	69.0	71.4	70.3	78.0	69.9	76.3	77.2	68.8
drank wine or liquor	68.0	71.3	64.5	65.2	68.7	67.7	72.7	68.5	66.5	66.4	66.9
felt depressed (7)	5.6	6.3	5.1	4.5	6.4	6.0	6.4	7.0	5.2	4.3	13.0
felt overwhelmed (7)	14.2	10.5	13.6	16.5	15.9	13.8	11.3	21.8	9.1	9.0	9.1
missed school due to illness (7)	2.1	1.6	5.9	1.9	1.7	1.6	2.3	1.4	3.0	2.3	9.1
overslept and missed class/appt	32.6	30.2	40.7	27.6	38.5	41.5	31.5	36.7	27.7	27.2	32.3
smoked cigarettes (7)	6.6	6.6	5.6	5.5	8.5	6.1	7.2	13.3	4.9	5.2	2.4
stayed up all night	77.1	80.6	76.4	73.6	77.7	75.2	73.6	83.9	73.3	73.6	71.0
studied with other students	88.5	87.2	91.9	86.6	91.0	90.6	90.7	91.7	88.1	88.1	87.6
tutored another student	51.7	57.2	68.7	47.4	44.7	46.8	41.2	42.9	42.9	43.9	33.8
used a personal computer (7)	32.6	36.2	40.0	30.8	28.2	26.3	26.5	32.4	25.8	26.2	22.2
was bored in class (7)	36.2	41.7	29.5	35.8	33.0	32.5	36.4	32.3	27.8	28.1	25.1
Reported in 1991											
attended a religious service	66.4	59.3	61.0	72.1	69.4	63.5	82.8	72.9	62.1	61.0	72.1
attended recital or concert	77.4	77.2	82.4	72.6	81.7	81.2	79.5	83.9	74.3	74.6	71.2
been guest in professor's home	28.2	18.2	27.8	24.1	44.6	44.6	31.0	51.6	15.7	14.6	25.9
been lonely or homesick	55.0	53.0	56.5	57.4	53.8	51.2	49.9	60.4	52.4	52.7	50.4
did extra work for class (7)	5.9	4.0	3.8	7.8	6.5	8.6	4.4	4.1	4.1	4.4	1.8
didn't complete homework on time	61.3	60.4	67.3	62.1	59.2	59.3	62.2	57.6	60.2	60.0	62.8
discussed course w/students (7)	61.4	55.5	60.3	62.1	67.4	68.7	56.6	70.7	52.7	53.7	43.7
drank beer	83.9	85.5	85.5	85.3	79.8	79.7	94.0	72.7	91.6	91.9	88.3
drank wine or liquor	78.4	81.3	77.9	77.6	76.1	75.6	85.6	72.1	77.4	79.5	57.9
felt depressed (7)	7.0	7.2	5.7	7.4	6.5	6.8	7.0	6.0	8.5	8.5	8.6
felt like leaving college	39.2	41.6	26.2	40.5	39.5	41.3	34.6	38.9	51.5	50.7	58.5
felt overwhelmed (7)	20.4	19.2	19.6	23.5	18.1	19.5	18.4	15.6	14.9	15.2	12.0
in anti-war demonstration	9.2	11.1	6.8	6.3	11.4	14.0	4.6	10.4	3.8	3.8	3.6
missed class due to illness (7)	2.3	3.6	3.6	1.2	1.9	2.5	1.9	0.8	1.3	1.3	1.1
overslept and missed class/appt	60.5	62.4	67.2	56.4	61.1	60.4	55.9	64.8	57.7	57.8	56.3
participated in demonstration	20.8	21.2	20.9	16.9	24.9	31.8	18.2	16.6	11.8	11.4	15.1
participated in intramural sport	60.9	57.1	70.5	61.2	61.6	60.4	68.4	60.3	52.7	52.0	58.9
performed volunteer work	59.5	54.0	56.5	60.3	65.9	65.4	58.3	70.6	43.6	43.0	48.9
received personal counseling	13.4	10.6	15.2	16.0	12.5	13.9	12.4	10.2	7.2	7.6	3.7
received voc/career counseling	56.7	55.7	55.1	53.6	62.2	62.3	55.2	65.6	49.8	50.5	42.4
smoked cigarettes (7)	10.6	13.0	7.9	11.0	8.2	8.8	8.2	7.2	7.1	6.7	10.4
stayed up all night	71.4	69.8	72.3	71.2	73.0	76.6	68.2	69.2	68.0	68.0	67.8
studied in the library (7)	32.4	30.2	32.9	32.8	34.5	40.0	31.7	26.7	30.9	32.6	15.5
studied with other students	88.8	88.2	92.1	88.0	89.2	89.1	88.2	89.7	85.6	86.9	73.8
took interdisciplinary course	52.9	50.6	62.4	46.0	60.6	62.2	50.0	63.2	33.5	32.7	40.9
tutored another student	58.2	59.1	55.5	58.6	57.5	56.6	55.2	60.1	57.7	57.8	56.2
used a personal computer (7)	61.6	59.4	68.3	57.9	66.2	63.0	62.4	73.8	56.5	57.5	46.7
was bored in class (7)	31.0	30.8	35.7	30.7	30.0	29.0	24.3	34.6	30.3	31.1	22.6
worked on grp projects in class	81.8	79.8	79.6	82.1	84.2	82.9	86.3	85.4	85.6	85.9	82.4
worked on ind research project	57.5	50.0	56.3	58.5	65.2	65.3	62.2	66.7	49.8	49.3	55.0

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RESIDENCE PATTERNS											
Preferred for Fall 1987											
with parents or relatives	10.4	7.5	5.5	12.8	13.0	11.1	12.1	16.3	27.9	30.9	*3.7*
other private home,apt,room	29.3	33.0	17.1	35.4	22.2	23.3	21.0	21.0	40.0	40.7	*34.4*
college dormitory	42.3	40.7	59.1	34.4	47.1	44.6	49.7	49.4	18.4	17.3	*27.2*
fraternity or sorority house	10.7	11.3	12.7	10.8	8.9	9.5	8.9	8.2	8.2	6.8	*19.5*
other campus housing	5.5	4.5	4.4	5.2	7.6	10.5	6.1	4.2	3.6	2.2	*15.1*
other	1.9	3.1	1.2	1.4	1.1	1.0	2.2	0.8	1.9	2.1	*0.0*
Planned for Fall 1987											
with parents or relatives	16.1	13.4	11.9	20.7	15.2	14.3	26.8	10.8	62.7	68.0	10.2
other private home,apt,room	2.6	3.0	0.7	4.1	1.1	1.5	0.6	0.7	9.3	9.6	6.5
college dormitory	76.8	78.4	83.1	71.7	79.1	77.6	71.6	85.2	24.6	18.6	83.2
fraternity or sorority house	1.8	2.4	1.0	0.9	2.3	3.4	0.0	1.7	0.0	0.0	0.0
other campus housing	2.3	2.4	3.0	2.3	1.7	1.9	1.0	1.7	2.7	3.0	0.0
other	0.4	0.3	0.5	0.3	0.6	1.2	0.0	0.0	0.7	0.8	0.0
First Year											
with parents or relatives	15.4	12.6	9.4	19.8	15.2	13.6	28.5	11.2	60.0	64.4	16.7
other private home,apt,room	3.3	3.8	1.1	4.1	2.5	4.0	0.4	0.9	12.0	13.1	1.7
college dormitory	76.7	77.0	86.9	73.0	77.3	79.7	68.7	77.7	26.3	20.9	78.8
frat or sorority house	2.1	3.8	0.3	1.5	1.4	1.3	0.0	2.2	0.0	0.0	0.0
other campus student housing	2.4	2.7	2.4	1.3	3.5	1.2	2.4	7.9	1.5	1.4	2.8
other	0.2	0.1	0.0	0.3	0.1	0.2	0.0	0.0	0.2	0.2	0.0
Second Year											
with parents or relatives	19.2	23.0	9.3	20.9	16.7	16.0	26.5	12.9	57.4	61.0	24.7
other private home,apt,room	20.0	24.3	21.4	20.6	13.8	18.3	7.4	9.6	18.2	18.4	15.9
college dormitory	48.9	38.2	53.2	52.9	54.9	52.1	58.3	57.6	21.4	17.4	58.3
frat or sorority house	7.4	11.0	10.9	2.7	7.7	8.7	1.4	9.3	0.2	0.3	0.0
other campus student housing	3.7	2.5	4.6	2.1	6.5	4.2	5.9	10.4	2.6	2.7	1.1
other	0.8	1.0	0.5	0.8	0.5	0.8	0.5	0.1	0.2	0.2	0.0
Third Year											
with parents or relatives	19.7	24.1	12.6	19.0	17.9	17.6	25.7	14.3	27.4	26.2	*39.7*
other private home,apt,room	38.4	45.0	39.4	35.6	33.8	38.0	19.2	34.3	39.3	40.5	*27.3*
college dormitory	27.7	18.2	34.9	32.4	30.5	26.1	37.4	34.0	23.1	22.3	*31.7*
frat or sorority house	7.2	8.2	7.7	4.8	8.7	8.1	4.1	11.9	2.0	2.2	*0.0*
other campus student housing	5.3	3.1	5.0	5.8	7.5	7.6	13.1	4.5	6.8	7.4	*1.2*
other	1.6	1.3	0.3	2.3	1.7	2.5	0.5	1.0	1.3	1.5	*0.0*
Fourth Year											
with parents or relatives	17.6	15.3	16.5	20.6	17.3	15.6	30.4	13.4	28.2	27.7	*33.9*
other private home,apt,room	47.5	60.0	44.5	40.4	42.9	47.2	24.1	45.5	47.0	47.7	*38.8*
college dormitory	21.0	12.1	24.9	27.1	22.3	20.5	25.7	23.3	13.6	13.1	*19.5*
frat or sorority house	6.8	7.9	8.2	5.0	7.2	5.9	1.7	12.1	3.8	4.0	*1.8*
other campus student housing	5.3	2.7	5.6	5.3	8.2	7.8	15.4	5.2	5.1	5.0	*6.0*
other	1.8	2.0	0.4	1.6	2.1	3.0	2.8	0.5	2.3	2.5	*0.0*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Objectives Noted as Essential or Very Important											
in 1987											
achieve in a performing art	13.4	12.0	16.7	14.2	12.9	15.0	8.8	11.4	6.8	5.8	16.9
be involved in environ cleanup	22.5	21.8	21.4	20.4	26.1	27.6	16.6	28.2	20.1	19.6	24.9
be successful in own business	55.1	55.3	54.2	50.5	60.5	61.0	55.8	61.9	52.7	53.0	49.9
be very well off financially	78.2	78.8	78.9	78.1	77.4	77.3	77.0	77.7	83.3	83.5	81.5
become authority in my own field	80.7	79.8	86.3	79.4	81.1	80.3	78.5	83.9	78.1	78.7	71.9
create artistic work	13.7	13.8	13.1	12.9	14.8	17.3	11.8	11.8	12.0	10.0	31.6
develop philosophy of life	46.3	46.6	50.1	42.5	49.2	49.7	45.1	50.4	32.2	32.0	34.5
have admin responsibility	48.4	50.5	49.5	47.0	47.2	43.8	49.8	51.8	45.9	47.3	32.3
help others in difficulty	51.3	46.3	59.0	47.3	58.7	59.5	44.6	64.5	49.7	48.3	63.2
influence political structure	22.9	24.0	26.9	19.4	24.4	23.8	25.9	24.7	11.5	11.2	13.6
influence social values	37.3	33.4	42.8	35.5	41.4	44.4	36.5	38.7	28.7	27.7	37.9
obtain recog from colleagues	63.2	63.8	65.4	58.8	66.9	66.4	60.3	71.0	53.5	52.4	64.2
participate in community action	20.9	23.2	23.5	16.1	22.9	19.0	16.5	33.0	16.4	15.4	26.1
promote racial understanding	31.7	30.9	36.8	26.6	36.5	35.4	28.6	42.4	23.0	22.2	30.9
theoretical contrib to science	18.9	22.7	21.0	17.3	15.8	13.6	10.4	22.4	20.5	20.6	19.8
write original works	15.2	17.1	17.4	13.2	14.7	16.5	9.9	13.9	10.2	9.9	12.9
in 1991											
achieve in a performing art	9.8	10.3	10.0	7.0	12.6	14.4	9.7	11.0	4.7	4.4	7.2
be involved in environ cleanup	34.0	35.3	33.9	34.2	32.4	34.6	33.1	28.5	34.7	35.2	30.5
be successful in own business	45.8	47.7	43.7	45.9	44.5	49.8	45.3	35.2	43.5	42.6	51.3
be very well off financially	63.4	67.3	61.8	63.1	59.9	62.1	63.2	54.5	72.0	72.9	64.2
become authority in my own field	69.3	71.4	69.8	63.8	73.4	75.9	70.7	70.7	64.7	66.3	50.1
create artistic work	12.0	12.5	14.5	7.8	15.5	18.0	13.8	12.3	8.2	7.8	11.4
develop philosophy of life	52.7	50.1	58.9	49.8	57.1	56.8	54.7	58.7	42.9	42.2	49.3
have admin responsibility	49.3	47.4	42.7	50.5	52.2	50.6	45.5	58.4	45.9	46.4	41.2
help others in difficulty	58.3	51.9	57.1	58.3	66.0	64.4	60.9	71.2	53.1	54.4	40.5
influence political structure	21.7	24.6	27.2	18.9	19.8	18.5	20.5	21.8	17.5	18.6	7.3
influence social values	39.4	37.6	39.5	38.1	43.0	43.2	40.3	44.1	28.1	27.4	34.7
keep up to date with politics	49.9	51.1	58.2	46.2	50.1	48.9	51.2	51.6	42.3	42.7	37.8
obtain recog from colleagues	53.7	56.5	51.7	51.1	54.5	54.4	53.5	55.1	51.2	52.0	44.5
participate in community action	22.1	18.7	24.5	23.4	23.6	24.2	20.3	24.3	20.5	20.4	21.6
promote racial understanding	33.4	33.8	37.9	29.9	35.6	36.8	31.0	35.8	27.1	27.0	28.3
raise a family	67.4	67.1	70.0	65.0	69.7	69.1	73.9	68.8	64.2	65.8	49.3
theoretical contrib to science	13.4	14.2	11.6	14.2	12.3	10.9	14.0	13.9	10.1	10.7	5.0
write original works	14.9	14.6	16.6	10.4	20.1	21.6	15.9	19.5	11.3	11.8	7.1
Diversity-Related Activities Reported in the Past Year											
dated one of diff eth grp (7)	5.7	5.1	8.2	5.0	6.3	5.7	3.8	8.6	2.9	3.2	0.2
dined w/diff race/eth grp (7)	26.3	22.0	40.8	26.8	25.5	24.0	21.2	30.0	16.1	15.9	17.5
excluded because of ethnicity	12.3	15.4	20.3	10.2	8.4	10.8	7.3	4.8	6.6	5.9	12.5
had roommate of diff ethnic grp	29.2	33.8	36.6	23.9	27.7	31.2	22.1	24.6	21.0	20.3	28.3
heard faculty make inapp remarks	21.3	21.2	17.4	22.6	21.0	20.9	17.7	23.0	16.8	16.2	23.0
insulted/threatened for ethnicty	12.2	18.4	12.5	8.4	9.6	12.7	6.6	5.7	10.7	9.2	24.0
pressed not to soc w/oth eth grp	18.7	25.0	19.6	16.4	14.0	16.9	12.5	10.0	11.8	11.8	11.6
socialized w/diff ethnic grp (7)	44.7	40.5	56.3	45.6	44.1	44.8	40.8	44.6	38.1	39.2	27.6
studied w/diff race/eth grp	71.8	71.9	80.3	65.9	75.8	77.9	78.7	70.9	65.3	66.4	55.1

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Political Orientation in 1987											
far left	3.3	5.8	2.3	1.3	3.1	3.5	0.7	3.6	3.1	3.2	2.2
liberal	22.0	24.6	21.3	18.5	23.4	27.9	24.2	15.4	16.5	15.9	21.3
middle of the road	50.0	48.6	44.8	53.8	48.9	47.9	48.6	50.8	61.4	62.3	53.0
conservative	23.2	19.0	30.4	24.7	23.6	19.8	25.4	29.2	18.3	17.9	22.0
far right	1.6	2.0	1.3	1.7	0.9	0.9	1.1	0.9	0.7	0.6	1.5
in 1991											
far left	3.3	3.0	1.7	4.0	3.3	4.0	0.7	3.3	0.7	0.7	0.0
liberal	24.9	25.1	27.2	22.1	27.2	30.2	21.6	24.8	20.9	22.0	10.9
middle of road	40.4	38.4	36.1	43.0	41.1	41.9	43.8	38.3	47.5	46.9	52.6
conservative	29.4	31.9	34.8	29.5	24.6	21.6	33.0	25.4	29.5	28.8	36.5
far right	2.0	1.6	0.3	1.3	3.9	2.2	0.8	8.3	1.5	1.6	0.0
Agrees Strongly or Somewhat in 1987											
abolish death penalty	21.9	21.7	21.2	24.7	19.3	16.8	19.4	23.6	17.1	17.2	16.6
abortion should be legalized	62.1	67.2	60.6	62.4	56.5	62.7	40.8	54.4	53.1	53.4	50.8
busing OK to achieve balance	53.1	52.1	48.8	54.9	53.7	57.1	48.9	50.5	53.5	53.3	55.4
college increases earning power	70.8	71.4	62.7	74.4	68.6	72.4	72.3	60.3	83.4	84.1	75.9
govt not controlling pollution	78.7	75.8	80.4	79.3	80.8	82.6	79.1	78.6	78.8	79.3	74.1
govt not promoting disarmament	65.7	60.5	64.5	66.5	70.9	69.9	63.7	76.3	57.2	56.8	61.2
govt not protecting consumer	58.7	56.2	58.7	64.4	54.9	55.0	57.1	53.7	62.7	63.5	54.6
increase fed military spending	31.6	26.7	31.2	34.9	33.4	38.7	25.3	28.4	28.4	26.2	50.0
live together before marriage	56.6	62.6	54.1	58.1	49.1	53.3	49.9	41.6	54.9	55.0	53.7
marijuana should be legalized	22.0	26.9	14.7	21.5	19.5	21.6	18.2	16.5	24.5	25.6	14.4
married women best at home	27.6	22.9	19.5	26.7	36.4	37.9	30.3	37.0	32.3	33.1	24.7
nuclear disarmanent attainable	54.7	51.9	55.3	57.3	54.5	55.6	53.0	53.3	59.9	60.6	52.7
prohibit homosexual relations	60.1	56.2	49.6	66.2	60.8	60.3	60.8	61.5	69.0	69.1	68.6
raise taxes to reduce deficit	30.0	28.8	35.5	27.8	32.1	34.6	25.7	31.0	23.7	24.4	17.2
too much concern for criminals	71.3	72.4	72.1	70.0	71.5	68.8	74.0	74.9	72.6	72.6	73.1
in 1991											
abolish death penalty	21.3	21.2	25.7	18.9	22.8	22.9	23.1	22.5	9.6	9.8	7.7
abortion should be legal	74.8	76.2	78.8	74.6	71.9	77.0	55.2	71.3	67.2	67.7	61.6
busing OK to achieve balance	46.5	44.4	46.3	45.9	49.6	53.3	46.3	45.0	53.2	54.2	43.6
college increases earning power	49.3	47.6	39.5	56.5	46.1	46.3	48.9	44.2	59.7	60.6	51.8
govt not controlling pollution	83.1	84.9	84.7	79.5	84.9	88.7	77.8	81.9	82.7	82.2	87.1
govt not promoting disarmament	53.4	52.3	47.8	56.3	53.1	55.0	48.6	52.0	52.0	51.4	57.5
govt not protecting consumer	58.1	57.1	50.2	58.4	61.4	65.5	52.9	58.8	62.6	62.5	63.3
increase fed military spending	16.3	15.0	14.9	16.6	18.0	16.8	16.2	20.9	22.3	21.0	33.7
live together before marriage	60.6	63.2	61.5	62.3	55.1	59.6	44.9	52.7	63.6	64.8	53.2
marijuana should be legalized	33.0	36.8	35.6	30.8	30.5	32.0	19.5	33.5	33.9	35.2	21.5
married women best at home	16.8	11.3	11.3	20.6	20.5	24.0	16.6	16.5	20.1	20.3	17.8
nuclear disarmament attainable	56.8	55.8	52.8	60.6	54.8	54.8	50.5	56.9	55.8	56.0	54.6
only volunteers in armed forces	58.7	60.8	63.5	56.3	57.6	59.7	50.7	57.4	49.7	49.8	48.5
prohibit homosexual relationship	33.0	30.6	24.2	38.9	31.7	27.8	36.1	36.2	44.3	44.2	44.5
raise taxes to reduce deficit	33.3	31.5	37.5	31.7	35.8	39.2	29.9	32.9	26.2	25.3	34.0
too much concern for criminals	66.9	64.5	58.3	73.0	65.4	61.1	72.5	69.1	76.9	76.9	76.2

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ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	52.2	54.2	52.5	52.4	49.7	50.7	55.5	45.0	43.2	43.6	39.2
problem-solving skills	34.8	39.8	34.8	31.6	33.0	29.2	28.4	41.8	28.0	28.6	22.6
knowledge of particular field	62.3	63.9	72.1	58.6	61.4	54.0	64.0	72.5	57.9	59.4	43.7
critical thinking ability	36.7	39.3	39.1	32.9	37.6	35.9	34.1	42.2	28.3	29.8	15.2
foreign language ability	5.0	6.3	10.5	2.4	4.8	2.9	4.5	8.3	6.4	6.4	5.9
job-related skills	33.3	32.3	34.0	35.6	31.4	27.9	32.4	36.7	33.9	35.3	21.1
religious beliefs & convictions	9.8	5.1	12.1	10.5	13.5	12.3	9.6	17.3	8.1	8.2	7.1
preparation for grad/prof school	24.3	24.6	28.1	21.3	26.5	24.9	20.9	32.0	12.6	11.7	20.2
leadership abilities	24.8	23.8	27.2	27.6	21.7	21.3	24.1	20.9	14.9	15.3	10.7
ability to work independently	31.6	33.5	32.3	31.6	29.1	29.2	31.6	27.7	30.4	31.4	21.4
interpersonal skills	27.7	29.6	31.9	26.0	26.2	25.1	30.7	25.7	19.2	20.4	8.1
cultural awareness	30.0	33.0	33.0	26.7	29.4	28.9	25.1	32.5	19.2	18.6	25.2
tolerance of different beliefs	20.8	21.4	21.7	19.7	20.9	21.6	15.2	22.6	16.8	17.6	9.7
acceptance of dif races/cultures	20.7	22.7	23.1	19.1	19.5	18.4	16.8	22.6	17.9	18.3	14.3
confidence in academic abilities	26.6	27.4	22.4	27.3	26.4	21.7	26.3	34.4	17.0	17.6	10.6
writing skills	20.2	18.7	24.2	16.5	25.1	23.3	20.4	30.4	11.1	11.4	8.5
public speaking ability	21.1	18.9	20.3	22.9	21.7	22.1	21.4	21.2	13.1	12.7	16.4
competitiveness	18.4	15.5	16.1	23.0	17.1	18.0	18.2	15.2	16.7	17.1	12.2
ability to work cooperatively	16.5	13.6	14.9	19.2	17.2	15.1	20.3	19.2	18.7	19.7	9.2
mathematical ability	14.1	16.6	13.9	14.8	10.6	10.5	9.4	11.3	17.2	17.6	13.1
reading speed and comprehension	11.7	11.5	12.5	11.9	11.4	10.4	12.4	12.5	9.3	10.1	1.5
ability to influence others	21.5	20.9	20.0	20.0	24.4	23.0	20.4	28.7	9.2	9.2	9.3
Miles from College to Home											
5 or less	4.4	3.2	4.9	5.7	3.9	1.2	6.2	7.2	10.9	11.5	4.7
6 to 10	6.3	4.7	6.1	6.4	8.1	9.5	13.2	3.2	22.2	24.2	4.1
11 to 50	21.6	17.3	14.1	27.8	21.5	21.0	30.9	17.7	38.5	40.7	18.7
51 to 100	17.9	22.2	7.3	20.6	13.5	12.4	14.4	14.7	13.5	11.9	27.9
101 to 500	35.9	44.6	32.5	28.3	36.5	37.7	28.0	39.0	13.3	11.1	33.6
more than 500	13.9	8.1	35.1	11.0	16.5	18.2	7.3	18.2	1.7	0.6	11.0

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987) (5)											
None											
socializing with friends	0.3	0.0	0.0	0.7	0.2	0.1	0.0	0.4	0.1	0.1	0.0
exercising or sports	2.9	2.6	1.5	3.4	3.2	3.8	1.7	2.9	1.1	1.2	0.0
partying	10.4	9.9	8.6	12.1	9.6	8.4	6.8	13.0	11.3	11.7	7.2
working (for pay)	22.3	16.8	36.7	21.8	23.9	23.2	21.5	26.3	16.8	17.3	11.4
student clubs and groups	32.9	29.9	21.4	38.5	33.8	29.3	37.2	39.9	40.2	40.9	33.5
watching TV	4.0	4.0	2.8	1.9	6.9	7.5	3.6	7.6	2.5	2.1	6.7
hobbies	9.2	7.7	4.8	10.8	10.7	11.7	9.3	9.6	7.3	7.4	6.3
studying or doing homework	3.0	3.0	7.6	2.2	2.2	3.0	1.4	1.4	1.1	1.2	0.0
talking w/teacher outside class	10.2	13.1	8.9	9.6	8.2	6.3	6.2	12.4	8.8	9.4	3.6
Six or More Hours											
socializing with friends	82.1	84.1	81.9	79.0	83.6	84.2	86.5	81.3	81.4	81.5	80.1
exercising or sports	62.2	60.5	63.9	64.4	61.0	59.9	70.5	58.0	60.7	59.5	73.0
partying	39.3	44.4	38.9	34.8	39.1	36.3	41.9	42.4	41.4	41.6	38.8
working (for pay)	62.8	66.0	45.7	63.4	64.7	65.3	68.4	61.7	70.5	69.5	80.2
student clubs and groups	12.2	13.7	20.0	8.8	11.8	13.1	8.1	11.4	11.6	11.8	9.5
watching TV	37.5	37.8	38.5	39.3	34.9	35.1	36.8	33.5	40.9	43.0	20.6
hobbies	31.3	32.6	29.0	31.0	31.0	31.2	26.5	32.9	32.4	33.0	27.2
studying or doing homework	40.2	35.9	54.5	38.6	41.7	41.7	47.6	38.7	33.8	34.8	23.2
talking w/teacher outside class	4.4	3.8	4.9	4.2	5.3	5.7	3.8	5.2	4.6	4.1	8.8
Sixteen or More Hours											
socializing with friends	40.1	44.3	39.0	37.9	38.4	37.3	39.8	39.4	42.8	42.2	48.6
exercising or sports	25.0	25.0	27.1	26.6	22.3	20.3	25.4	24.1	25.1	25.4	21.9
partying	10.2	12.4	8.9	8.9	9.7	7.5	8.7	14.0	20.0	21.0	9.8
working (for pay)	39.7	45.4	26.4	40.3	37.2	35.0	35.2	41.9	44.3	43.6	50.7
student clubs and groups	2.0	1.6	2.3	1.8	2.5	2.7	2.0	2.4	3.8	4.1	0.0
watching TV	9.8	13.6	8.1	8.1	8.3	9.3	8.1	6.5	8.0	8.2	5.7
hobbies	9.2	12.4	7.5	8.9	6.8	8.0	9.2	3.6	6.9	7.2	4.6
studying or doing homework	5.5	4.9	12.2	3.9	5.8	5.6	7.2	5.3	2.4	2.4	2.3
talking w/teacher outside class	0.6	0.1	0.4	0.7	1.2	0.9	1.3	1.5	0.4	0.4	0.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (5)											
None											
socializing with friends	0.7	2.2	0.0	0.0	0.2	0.4	0.0	0.0	0.3	0.3	0.0
exercising or sports	1.7	0.9	2.2	1.7	2.3	2.7	3.4	1.2	2.4	2.5	1.3
reading for pleasure	10.9	10.8	10.4	11.6	10.3	6.6	9.3	17.0	15.2	15.5	12.9
using a personal computer	9.0	8.4	3.1	10.4	10.1	12.1	8.5	7.5	14.5	12.7	31.6
partying	11.8	9.2	8.9	14.2	12.8	11.5	5.5	18.6	9.4	8.2	20.8
working (for pay)	19.6	16.9	32.4	21.6	15.8	17.8	14.3	13.2	20.9	21.0	20.1
clubs and groups	31.3	32.7	24.6	31.0	32.4	31.1	28.6	36.7	40.1	40.1	41.0
watching TV	3.5	1.6	4.1	4.9	3.8	4.4	1.6	3.7	1.5	1.1	5.1
commuting	34.8	28.0	43.5	38.7	34.7	32.8	36.2	37.0	30.2	30.6	25.8
religious services or meetings	45.6	48.9	56.2	43.2	41.3	46.2	23.0	42.1	47.6	46.9	54.3
hobbies	17.1	18.4	18.2	15.9	16.9	17.5	15.5	16.5	10.1	10.1	10.8
classes and labs	6.0	5.2	2.7	8.3	5.3	6.0	5.7	3.9	9.8	9.0	17.3
studying or homework	4.8	5.2	2.5	4.5	5.5	6.8	4.5	3.7	7.9	7.5	11.4
talking w/faculty outside class	16.2	18.6	12.7	16.8	13.8	17.4	11.0	9.3	20.4	19.7	27.4
Six or More											
socializing with friends	79.5	79.5	80.4	77.9	81.1	79.3	86.5	81.4	80.9	81.2	78.6
exercising or sports	44.4	40.2	46.4	44.7	47.9	48.1	57.9	42.6	47.8	48.1	45.0
reading for pleasure	12.8	14.6	11.2	11.5	12.9	13.7	11.9	12.1	12.4	12.6	10.2
using a personal computer	33.8	33.8	42.0	31.4	33.9	32.4	27.5	39.7	38.1	39.3	26.7
partying	40.3	39.1	43.9	40.7	40.1	38.7	50.1	37.5	44.0	44.7	37.9
working (for pay)	69.2	73.0	57.6	65.9	72.8	70.5	74.3	76.0	69.5	70.1	64.1
clubs and groups	16.2	12.7	22.9	17.0	16.9	16.7	14.1	18.5	10.8	11.2	6.3
watching TV	42.3	45.9	44.0	45.5	33.9	35.4	40.0	28.1	46.3	45.9	50.1
commuting	12.4	14.2	11.3	10.4	12.9	16.4	14.6	6.1	19.6	20.1	15.8
religious services or meetings	2.2	1.4	2.0	1.6	4.0	6.0	1.2	1.8	1.4	1.5	0.0
hobbies	17.3	15.5	19.7	17.8	17.8	19.1	18.9	15.0	20.1	20.3	18.8
classes and labs	86.7	87.5	89.2	85.5	86.3	86.6	81.2	88.2	77.7	78.6	69.2
studying and homework	68.6	71.0	71.5	66.0	67.9	65.8	67.0	72.0	64.0	65.1	53.9
talking w/faculty outside class	2.6	1.7	1.6	3.6	2.8	3.5	2.6	1.7	1.8	1.7	3.4
Sixteen or More											
socializing with friends	38.4	36.4	44.7	36.6	40.8	45.9	40.4	32.0	37.4	38.7	25.2
exercising/sports	12.6	5.2	16.4	15.7	15.8	18.7	16.3	10.7	17.6	18.5	8.7
reading for pleasure	2.5	1.8	2.2	2.5	3.4	3.8	1.0	3.9	0.9	1.0	0.0
using a personal computer	11.7	11.3	13.7	12.8	10.0	7.6	7.2	15.5	18.5	19.8	6.0
partying	10.9	11.0	14.1	9.1	11.7	11.8	18.6	8.1	14.1	15.3	3.1
working (for pay)	45.5	53.8	30.2	44.3	43.0	41.9	44.3	44.4	51.6	52.1	47.6
clubs/groups	4.4	3.6	8.0	4.5	4.0	5.4	2.6	2.3	1.8	1.8	1.8
watching TV	11.9	11.0	13.3	15.4	8.2	9.1	8.6	6.6	11.4	11.8	7.6
commuting	1.9	1.9	2.7	1.6	2.1	2.0	2.6	1.9	2.5	2.7	0.0
religious services/meetings	0.6	0.5	0.4	0.3	1.0	1.8	0.3	0.0	0.0	0.0	0.0
hobbies	3.8	3.9	4.0	4.2	2.9	2.7	2.7	3.4	1.8	1.8	2.4
classes/labs	38.8	38.7	35.5	43.9	33.9	34.6	31.5	33.8	41.8	41.9	40.8
studying/homework	25.6	24.0	32.6	25.2	25.2	25.2	21.8	26.9	22.0	21.6	25.8
talking w/faculty outside class	0.5	0.7	0.5	0.0	0.8	1.4	0.4	0.0	0.0	0.0	0.0

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Religious Preference in 1987											
Baptist	11.9	12.8	12.7	14.1	8.0	9.3	1.7	8.8	6.9	4.6	28.8
Buddhist	0.4	0.3	0.8	0.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Congregational (UCC)	1.2	2.0	1.0	0.7	1.0	0.8	0.6	1.4	2.4	2.4	2.9
Eastern Orthodox	0.6	0.6	0.8	0.6	0.5	0.6	0.5	0.4	0.3	0.3	0.0
Episcopal	2.9	2.6	6.8	1.1	4.0	5.0	0.5	4.0	2.5	2.1	6.4
Islamic	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Jewish	4.2	6.1	11.6	1.2	2.9	4.7	0.9	0.9	1.0	1.1	0.0
Latter Day Saints (Mormon)	0.5	0.6	0.0	0.7	0.1	0.1	0.0	0.2	0.1	0.2	0.0
Lutheran	7.2	6.5	3.2	9.6	6.5	4.8	4.2	10.4	10.7	11.1	6.4
Methodist	7.2	7.1	5.0	8.7	6.3	5.2	1.5	10.3	6.8	7.2	2.4
Presbyterian	5.3	5.9	5.1	4.8	5.1	5.0	0.8	7.5	5.9	5.8	7.2
Quaker (Society of Friends)	0.4	0.5	0.0	0.3	0.7	1.0	0.0	0.3	0.0	0.0	0.0
Roman Catholic	31.6	29.7	33.2	32.3	32.3	28.7	81.1	14.5	45.4	48.5	15.7
Seventh Day Adventist	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
other Protestant	7.5	4.7	2.5	6.2	13.7	12.5	0.6	22.0	3.5	2.9	9.5
other religion	5.0	4.7	2.1	4.4	6.9	7.9	1.5	7.8	4.6	3.6	14.6
none	14.2	15.7	15.0	14.6	11.8	13.8	6.0	11.5	9.9	10.3	6.0
in 1991											
Baptist	10.9	10.1	8.6	13.3	9.6	8.5	1.5	15.9	6.6	4.4	26.4
Buddhist	0.3	0.3	0.6	0.3	0.3	0.6	0.0	0.0	0.0	0.0	0.0
UCC	0.8	1.2	0.3	0.7	0.5	0.2	0.6	1.2	5.3	5.8	0.7
Eastern Orthodox	0.6	0.9	0.4	0.6	0.5	0.6	0.3	0.5	0.3	0.3	0.0
Episcopal	3.2	2.2	7.3	1.9	4.5	4.1	0.5	7.3	3.4	3.2	5.8
Islamic	0.3	0.2	0.0	0.0	0.7	1.0	0.0	0.5	0.0	0.0	0.0
Jewish	4.1	5.6	11.5	1.1	3.6	5.9	0.9	1.0	0.9	1.0	0.0
Latter Day Saints (Mormon)	0.4	0.6	0.0	0.6	0.1	0.1	0.0	0.2	0.8	0.8	0.0
Lutheran	7.4	8.1	2.5	8.7	6.7	5.3	4.6	10.3	8.4	8.8	4.5
Methodist	6.8	6.1	4.5	8.8	6.0	4.5	0.9	11.3	7.4	7.4	7.0
Presbyterian	4.2	3.7	5.6	2.9	5.9	4.8	1.3	10.2	5.8	5.9	5.0
Quaker	0.2	0.4	0.0	0.0	0.2	0.3	0.0	0.2	0.0	0.0	0.0
Roman Catholic	30.2	29.4	29.4	31.4	29.8	26.3	74.1	13.0	39.4	41.5	20.2
Seventh Day Adventist	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other Protestant	7.9	7.9	3.9	6.3	11.1	14.8	3.4	8.5	6.2	5.9	9.3
other religion	4.9	4.7	1.8	5.4	5.5	6.7	3.0	4.5	2.8	2.1	8.7
none	17.7	18.5	23.5	17.8	14.8	16.3	9.0	15.2	12.8	12.8	12.3
Plans for Fall 1991											
attend college full-time	44.1	50.4	32.2	51.3	32.3	33.1	27.3	33.4	43.3	43.5	41.6
attend college part-time	7.5	6.5	2.5	9.9	7.5	3.3	6.6	15.0	11.9	11.8	12.6
attend graduate school	12.5	11.6	25.7	8.4	13.8	11.7	13.9	17.5	5.2	5.4	4.0
attend vocational program	0.6	0.5	0.4	1.1	0.4	0.2	0.5	0.5	0.6	0.3	3.1
work full-time	39.0	37.4	37.3	30.3	52.0	54.7	50.5	48.0	47.0	46.6	50.7
work part-time	28.3	31.2	17.8	35.3	20.1	19.0	27.9	18.0	26.0	25.8	28.0
serve in Armed Forces	4.9	4.0	2.2	9.0	2.0	2.2	2.9	1.2	3.7	3.4	6.1
travel	6.2	4.9	8.0	4.8	8.5	8.1	5.3	10.9	4.5	4.9	0.9
do volunteer work	7.9	9.4	10.5	6.4	7.0	7.8	6.3	5.9	5.8	5.8	6.2
stay at home	5.8	4.8	4.4	5.5	7.7	11.8	4.1	2.7	2.4	2.2	4.6

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Career in 1987 (5,8)											
artist or performer	6.8	4.8	7.4	6.6	9.2	13.4	4.6	4.9	3.2	2.9	5.7
business	25.5	24.2	19.1	25.5	29.3	28.5	41.3	24.5	27.6	28.2	22.2
clergy	0.5	0.0	0.2	0.5	1.2	1.3	1.1	1.1	0.2	0.0	1.6
college teacher	0.6	0.9	0.3	0.6	0.4	0.3	0.3	0.8	0.2	0.2	0.0
doctor (MD or DDS)	6.9	9.5	15.5	1.7	6.9	7.5	4.2	7.3	0.8	0.9	0.0
education (secondary)	3.9	0.9	0.5	8.3	3.6	2.2	3.2	6.0	2.9	2.9	3.0
education (elementary)	0.9	0.0	0.9	2.1	0.5	0.2	0.1	1.1	0.2	0.2	0.0
engineer	15.2	20.9	20.2	12.8	9.7	8.0	5.6	14.5	21.2	22.5	9.6
farmer or forester	0.7	1.0	0.0	0.7	0.8	1.0	0.6	0.6	3.1	3.1	2.7
health professional	3.5	3.0	1.1	5.0	3.0	1.5	4.9	4.4	2.6	2.9	0.0
lawyer	6.3	5.2	9.9	4.6	8.2	6.2	10.1	10.5	2.3	2.6	0.0
nurse	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.3	0.3	0.4	0.0
research scientist	2.7	3.6	1.7	3.1	1.4	1.1	1.9	1.6	2.6	2.7	2.4
other	16.3	15.5	11.0	19.8	14.8	17.4	11.3	12.3	21.0	18.6	42.8
undecided	10.2	10.5	12.1	8.8	10.8	11.3	10.8	10.0	11.7	11.9	10.2
in 1991 (5,8)											
artist or performer	6.1	5.3	6.7	4.4	9.0	12.6	8.5	3.1	1.4	1.1	*5.3*
business	29.1	27.8	26.1	29.6	31.1	32.0	39.3	25.7	32.7	33.6	*22.1*
clergy	0.9	0.6	0.1	0.0	2.6	3.1	0.4	2.7	0.2	0.1	*1.0*
college teacher	2.3	0.9	4.8	2.8	2.4	2.1	2.4	2.8	1.6	1.7	*0.0*
doctor (MD or DDS)	4.2	4.7	9.7	1.8	4.6	5.5	3.9	3.3	0.3	0.3	*0.0*
education (secondary)	4.4	3.9	2.2	6.0	4.0	3.5	3.6	5.1	4.3	4.6	*1.0*
education (elementary)	1.1	0.3	0.0	1.7	1.8	0.7	2.0	3.5	1.3	1.3	*1.4*
engineer	8.4	12.3	9.9	7.2	4.8	4.6	4.3	5.4	18.6	18.5	*20.0*
farmer or forester	1.2	1.2	0.1	1.7	1.1	1.4	0.3	0.9	1.6	1.4	*3.5*
health professional	2.0	2.6	1.9	0.7	2.9	2.2	1.7	4.7	1.7	1.9	*0.0*
lawyer	4.6	5.5	9.6	2.2	4.5	4.6	6.2	3.3	1.1	1.2	*0.0*
nurse	0.2	0.4	0.6	0.0	0.1	0.2	0.0	0.0	0.4	0.4	*0.0*
research scientist	2.6	1.7	2.2	3.6	2.6	3.0	2.1	2.1	1.7	1.4	*4.8*
other	25.9	26.0	21.3	30.9	21.5	16.7	16.1	32.4	30.1	29.6	*36.5*
undecided	7.0	7.0	4.8	7.5	7.2	7.8	9.3	5.1	2.9	2.8	*4.2*
Permission to Use Student ID/SSN											
in 1987											
yes	81.7	82.1	79.2	82.4	81.3	80.6	77.9	84.3	67.7	65.9	*85.9*
no	18.3	17.9	20.8	17.6	18.7	19.4	22.1	15.7	32.3	34.1	*14.1*
in 1991											
yes	71.0	71.9	73.3	68.9	71.5	65.9	74.2	79.4	72.5	73.3	64.8
no	29.0	28.1	26.7	31.1	28.5	34.1	25.8	20.6	27.5	26.7	35.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Major in 1987 (5,8)											
agriculture	0.6	0.9	0.0	0.7	0.3	0.0	0.0	0.9	4.8	5.0	3.0
biological science	5.1	7.4	4.6	3.3	5.0	4.7	3.7	6.2	1.4	1.5	0.0
business	27.0	26.3	19.2	28.6	28.5	26.1	41.7	26.3	27.4	28.4	18.1
education	3.3	0.6	1.0	5.6	4.4	4.4	3.2	5.1	2.9	2.9	3.3
engineering	17.7	23.8	22.1	17.4	10.1	8.2	6.6	15.3	23.8	25.0	12.1
English	1.0	0.5	1.8	0.8	1.3	1.6	0.4	1.2	0.2	0.2	0.0
health professional	5.4	6.3	10.1	3.7	4.6	5.0	3.9	4.3	1.9	2.1	0.0
history or political science	5.7	4.1	9.5	6.3	5.4	4.7	4.6	7.1	1.2	1.3	0.7
humanities	1.9	2.0	1.1	1.3	2.7	3.9	1.2	1.3	2.2	2.2	1.8
fine arts	5.2	5.8	5.1	3.3	6.5	9.9	5.5	1.2	3.3	2.1	16.1
mathematics or statistics	0.9	0.7	0.8	1.1	0.9	0.6	1.3	1.3	0.2	0.1	1.1
physical sciences	3.1	5.0	3.3	2.0	2.1	1.6	2.8	2.7	3.3	2.9	7.5
social sciences	3.7	2.6	6.7	2.1	5.7	5.6	4.1	6.7	3.1	2.6	7.7
other technical	5.0	3.6	3.6	6.8	4.9	5.3	1.8	5.7	8.7	8.1	15.2
other non-technical	7.8	4.9	6.5	9.2	9.6	10.0	9.5	9.1	8.1	7.8	10.8
undecided	6.8	5 6	4.7	7.7	7.7	8.4	9.7	5.6	7.4	7.9	2.6
Reported in 1991 (5,8)											
agriculture	1.2	1.9	0.3	1.3	0.4	0.7	0.3	0.2	1.9	1.8	*2.3*
biological science	5.9	6.2	6.2	4.6	7.0	7.4	5.0	7.2	1.9	1.8	*3.6*
business	25.1	23.9	16.1	29.3	24.7	17.0	34.9	30.9	27.6	28.5	*19.1*
education	4.1	2.9	0.7	5.8	4.7	3.7	6.8	5.0	6.2	6.1	*7.5*
engineering	10.8	15.4	16.0	9.1	5.1	5.5	5.9	4.1	16.7	17.4	*10.1*
English	3.4	1.9	5.3	2.8	5.4	5.7	4.1	5.6	1.1	1.2	*0.0*
health professional	1.1	1.7	0.5	0.4	1.3	2.0	0.4	0.8	1.0	1.1	*0.0*
history or political science	8.9	6.9	16.3	7.9	10.0	10.0	9.8	10.2	4.6	5.0	*0.0*
humanities	2.2	1.5	2.4	1.1	4.5	5.8	2.1	3.8	1.7	1.1	*6.5*
fine arts	4.6	4.8	4.0	3.8	5.3	8.3	4.9	1.3	3.2	1.8	*17.4*
mathematics or statistics	1.6	1.5	1.3	1.4	2.0	1.7	0.7	2.8	2.4	2.6	*0.5*
physical sciences	2.7	2.4	1.9	3.1	2.7	3.2	2.0	2.3	3.1	3.3	*1.2*
social sciences	11.8	11.0	17.7	10.5	12.2	12.4	8.1	13.7	6.7	5.9	*14.4*
other technical	8.0	9.4	4.4	9.4	5.7	6.7	4.1	4.9	7.6	7.9	*5.2*
other non-technical	8.0	7.8	6.5	8.0	8.7	9.5	10.6	6.8	13.6	13.8	*12.2*
undecided	0.8	0.7	0.3	1.4	0.3	0.4	0.5	0.2	0.7	0.7	*0.0*
Probable Graduate Major (5,8)											
agriculture	0.4	0.6	0.0	0.6	0.1	0.2	0.0	0.0	1.5	1.7	*0.0*
biological science	3.3	1.4	2.9	4.4	4.3	3.0	2.2	6.6	2.1	2.2	*1.4*
business	26.5	32.6	18.8	27.4	22.8	23.8	30.8	18.4	21.1	20.4	*25.4*
education	5.8	4.5	1.6	8.9	5.6	5.0	10.2	4.5	10.0	10.2	*8.1*
engineering	8.5	11.5	6.8	9.6	5.1	5.3	3.0	5.6	9.7	10.9	*2.0*
English	1.6	2.7	0.9	0.9	1.6	1.3	1.9	1.7	2.2	2.5	*0.0*
health professional	4.9	5.0	9.0	1.1	7.1	10.5	4.1	4.0	6.0	6.9	*0.0*
history or political science	3.7	1.4	5.8	5.3	3.3	2.1	6.9	3.4	7.9	9.2	*0.0*
humanities	3.4	2.3	3.5	1.9	6.0	8.6	2.0	4.3	2.4	2.4	*1.8*
fine arts	3.8	2.4	5.0	4.7	3.5	5.8	1.7	1.5	3.3	0.0	*24.8*
mathematics or statistics	0.4	0.2	1.0	0.0	0.8	0.3	0.5	1.5	0.9	1.0	*0.0*
physical sciences	2.0	2.0	0.6	2.4	2.2	2.4	3.2	1.5	3.2	3.4	*2.1*
social sciences	7.6	6.0	7.8	7.9	9.0	10.4	4.8	8.8	7.7	8.6	*2.3*
other technical	7.4	5.3	6.8	7.0	10.3	4.9	6.8	18.4	9.1	9.9	*3.5*
other non-technical	17.3	20.5	26.3	13.0	14.3	14.5	18.9	12.3	12.5	10.0	*28.7*
undecided	3.4	1.4	3.2	4.8	4.2	2.0	3.0	7.4	0.5	0.6	*0.0*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
DISAGGREGATED RESPONSES											
Probable Career in 1987											
accountant or actuary	4.7	4.7	2.2	5.5	4.5	3.0	8.8	4.8	8.2	9.0	1.2
actor or entertainer	1.0	0.5	0.7	1.4	1.3	1.8	0.6	0.8	0.0	0.0	0.0
architect or urban planner	1.4	2.8	1.3	0.3	1.2	2.0	0.0	0.4	5.5	3.8	20.8
artist	2.4	1.1	0.6	2.4	4.7	8.7	1.3	0.1	0.2	0.0	2.2
business (clerical)	0.2	0.1	0.2	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0
business executive (management)	13.9	11.6	13.5	14.3	16.5	18.6	20.2	11.5	14.3	14.2	14.7
business owner or proprietor	5.2	4.8	2.9	5.0	6.8	6.7	7.9	6.3	2.4	2.0	6.2
business salesperson or buyer	1.7	3.2	0.5	0.8	1.4	0.2	4.4	1.9	2.7	3.0	0.0
clergy (minister,priest)	0.4	0.0	0.2	0.5	0.7	0.5	1.1	0.9	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.0	0.0	0.5	0.8	0.0	0.3	0.2	0.0	1.6
clinical psychologist	1.1	1.0	0.8	1.3	1.1	1.0	1.2	1.4	1.0	1.1	0.0
college teacher	0.6	0.9	0.3	0.6	0.4	0.3	0.3	0.8	0.2	0.2	0.0
computer programmer or analyst	3.1	2.0	2.5	5.0	2.4	2.4	1.1	3.0	4.4	4.0	7.7
conservationist or forester	0.4	0.6	0.0	0.4	0.4	0.6	0.4	0.1	1.8	1.9	0.9
dentist (including orthodontist)	0.8	1.7	1.2	0.2	0.5	0.6	0.3	0.4	0.3	0.3	0.0
dietitian or home economist	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
engineer	15.2	20.9	20.2	12.8	9.7	8.0	5.6	14.5	21.2	22.5	9.6
farmer or rancher	0.3	0.4	0.0	0.3	0.4	0.4	0.2	0.5	1.3	1.2	1.8
foreign service worker	0.8	0.5	1.7	0.8	0.9	1.3	0.2	0.8	0.3	0.3	0.0
homemaker (full-time)	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0
interior decorator or designer	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.8
intepreter (translator)	0.1	0.2	0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	0.0
lab technician or hygienist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
law enforcement officer	0.7	0.3	0.2	1.0	1.1	0.9	2.2	0.9	2.0	1.9	3.4
lawyer (attorney) or judge	6.3	5.2	9.9	4.6	8.2	6.2	10.1	10.5	2.3	2.6	0.0
military service (career)	2.7	2.3	0.3	5.5	0.6	0.4	1.0	0.7	1.3	0.9	4.2
musician (performer,composer)	1.4	0.7	2.5	1.7	1.3	1.3	2.0	1.1	1.6	1.5	2.7
nurse	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.3	0.3	0.4	0.0
optometrist	0.3	0.2	0.2	0.3	0.3	0.1	0.3	0.7	0.2	0.2	0.0
pharmacist	0.6	0.8	0.0	0.5	0.5	1.0	0.3	0.0	0.2	0.2	0.0
physician	6.1	7.8	14.3	1.5	6.4	6.9	3.8	6.8	0.5	0.6	0.0
school counselor	0.2	0.2	0.0	0.3	0.3	0.0	0.0	0.8	0.0	0.0	0.0
school principal, superintendent	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.4	0.0
scientific researcher	2.7	3.6	1.7	3.1	1.4	1.1	1.9	1.6	2.6	2.7	2.4
social,welfare,recreation worker	0.3	0.0	0.4	0.1	0.9	1.4	0.0	0.5	0.2	0.2	0.0
statistician	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
therapist (phys,occup,speech)	1.6	0.9	0.9	2.9	1.1	0.2	3.8	1.3	2.0	2.2	0.0
teacher (elementary)	0.9	0.0	0.9	2.1	0.5	0.2	0.1	1.1	0.2	0.2	0.0
teacher (secondary)	3.7	0.8	0.5	7.9	3.3	2.2	2.9	5.2	2.5	2.5	3.0
veterinarian	1.0	1.2	0.0	1.2	1.0	0.2	0.5	2.5	0.2	0.3	0.0
writer or journalist	1.9	2.3	3.5	1.1	1.8	1.5	0.7	2.9	1.3	1.5	0.0
skilled trades	0.7	0.6	0.0	0.3	1.4	2.3	0.3	0.4	1.6	1.7	0.8
other	5.1	5.7	3.7	5.3	4.7	5.0	5.0	4.2	4.6	4.5	5.8
undecided	10.2	10.5	12.1	8.8	10.8	11.3	10.8	10.0	11.7	11.9	10.2

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Career in 1991											
accountant or actuary	4.6	5.2	3.0	4.5	4.7	3.6	7.6	5.0	7.4	7.8	*2.8*
actor or entertainer	1.0	0.6	0.6	0.5	2.3	3.7	0.9	0.4	0.2	0.2	*0.0*
architect or urban planner	0.7	1.0	1.8	0.0	0.7	0.5	0.3	1.4	1.9	1.4	*6.4*
artist	2.2	2.6	0.1	0.8	4.2	6.4	4.0	0.7	0.0	0.0	*0.0*
business (clerical)	0.2	0.4	0.0	0.2	0.1	0.0	0.0	0.3	1.0	1.1	*0.0*
business executive (management)	15.5	15.5	14.4	15.3	16.0	16.4	22.0	12.5	15.4	15.3	*16.4*
business owner or proprietor	5.2	3.6	5.4	3.8	8.8	11.0	6.1	6.2	7.9	8.6	*0.0*
business salesperson or buyer	3.8	3.5	3.4	5.9	1.7	0.9	3.6	2.0	1.9	1.9	*2.9*
clergy (minister,priest)	0.7	0.4	0.0	0.0	2.0	2.6	0.4	1.6	0.0	0.0	*0.0*
clergy (other religious)	0.2	0.2	0.1	0.0	0.6	0.4	0.0	1.2	0.2	0.1	*1.0*
clinical psychologist	0.8	0.1	0.5	1.0	1.6	0.9	1.3	3.0	0.7	0.7	*0.0*
college teacher	2.3	0.9	4.8	2.8	2.4	2.1	2.4	2.8	1.6	1.7	*0.0*
computer programmer or analyst	7.3	8.5	4.6	8.0	6.1	2.9	2.1	13.5	4.9	4.9	*4.2*
conservationist or forester	0.8	0.5	0.1	1.4	0.7	1.1	0.0	0.5	1.0	1.0	*1.2*
dentist (including orthodontist)	0.9	1.3	0.4	0.6	0.8	1.3	0.0	0.3	0.0	0.0	*0.0*
dietitian or home economist	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
engineer	8.4	12.3	9.9	7.2	4.8	4.6	4.3	5.4	18.6	18.5	*20.0*
farmer or rancher	0.4	0.7	0.0	0.3	0.3	0.3	0.3	0.4	0.6	0.4	*2.3*
foreign service worker	0.5	0.3	1.4	0.3	0.7	0.9	1.1	0.0	0.3	0.3	*0.0*
homemaker (full-time)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
interior decorator or designer	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
intepreter (translator)	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	*0.0*
lab technician or hygienist	0.2	0.0	0.4	0.3	0.3	0.1	0.0	0.7	0.1	0.2	*0.0*
law enforcement officer	1.9	1.6	0.2	2.9	1.7	1.6	1.7	1.8	1.7	1.8	*0.0*
lawyer (attorney) or judge	4.6	5.5	9.6	2.2	4.5	4.6	6.2	3.3	1.1	1.2	*0.0*
military service (career)	3.1	1.0	1.7	7.3	1.0	1.0	1.7	0.7	1.6	1.8	*0.0*
musician (performer,composer)	0.7	0.0	2.1	1.3	0.3	0.4	0.0	0.2	0.6	0.3	*3.5*
nurse	0.2	0.4	0.6	0.0	0.1	0.2	0.0	0.0	0.4	0.4	*0.0*
optometrist	0.2	0.3	0.7	0.0	0.1	0.1	0.3	0.1	0.0	0.0	*0.0*
pharmacist	0.5	0.5	0.0	0.0	1.3	0.7	0.3	3.0	0.2	0.2	*0.0*
physician	3.4	3.4	9.3	1.1	3.8	4.2	3.9	3.0	0.3	0.3	*0.0*
school counselor	0.2	0.3	0.2	0.0	0.3	0.4	0.0	0.5	0.1	0.0	*1.0*
school principal, superintendent	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	*0.0*
scientific researcher	2.6	1.7	2.2	3.6	2.6	3.0	2.1	2.1	1.7	1.4	*4.8*
social,welfare,recreation worker	1.0	0.9	0.5	1.8	0.4	0.2	0.3	0.8	1.3	1.1	*3.6*
statistician	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1	*0.5*
therapist (phys,occup,speech)	0.8	1.2	0.7	0.4	0.7	0.7	1.1	0.6	1.2	1.3	*0.0*
teacher (elementary)	1.1	0.3	0.0	1.7	1.8	0.7	2.0	3.5	1.3	1.3	*1.4*
teacher (secondary)	4.2	3.6	2.0	6.0	3.6	3.1	3.6	4.6	4.2	4.6	*0.0*
veterinarian	0.3	0.5	0.0	0.0	0.4	0.7	0.0	0.2	0.2	0.2	*0.0*
writer or journalist	2.2	2.0	3.7	1.9	2.2	2.1	3.6	1.9	0.7	0.6	*1.9*
skilled trades	0.4	0.0	0.1	0.2	1.3	2.2	0.2	0.4	3.8	3.0	*12.2*
other	9,8	12.0	10.5	9.1	7.8	6.4	7.1	10.6	12.8	13.1	*9.6*
undecided	7.0	7.0	4.8	7.5	7.2	7.8	9.3	5.1	2.9	2.8	*4.2*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE MAJOR IN 1987											
Arts and Humanities											
arts, fine and applied	2.4	1.4	0.6	2.1	4.5	7.3	3.5	0.1	0.2	0.0	2.5
English (language & literature)	1.0	0.5	1.8	0.8	1.3	1.6	0.4	1.2	0.2	0.2	0.0
history	1.8	1.0	1.6	3.4	1.0	1.2	1.0	0.6	0.6	0.6	0.7
journalism	0.9	0.6	3.0	0.7	0.7	0.5	0.8	1.1	1.1	1.2	0.0
language/literature (except Eng)	0.4	0.5	0.2	0.2	0.4	0.5	0.3	0.1	0.2	0.2	0.0
music	0.9	0.3	1.6	1.2	1.1	1.0	2.0	0.7	0.5	0.3	3.0
philosophy	0.4	0.2	0.8	0.3	0.4	0.7	0.0	0.2	0.0	0.0	0.0
speech	0.2	0.0	1.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
theater or drama	0.6	0.6	0.1	0.8	0.7	1.1	0.0	0.5	0.0	0.0	0.0
theology or religion	0.2	0.0	0.0	0.0	0.6	0.9	0.0	0.3	0.2	0.0	1.8
other arts and humanities	0.4	0.7	0.0	0.0	0.6	0.7	1.0	0.2	1.8	2.0	0.0
Biological Sciences											
biology (general)	3.2	5.2	2.6	1.5	3.2	2.5	1.7	5.0	0.4	0.4	0.0
biochemistry or biophysics	0.5	0.7	0.9	0.3	0.5	0.6	0.6	0.2	0.0	0.0	0.0
botany	0.1	0.1	0.0	0.0	0.3	0.5	0.2	0.0	0.1	0.1	0.0
marine (life) science	0.3	0.1	0.4	0.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0
microbiology or bacteriology	0.2	0.4	0.0	0.1	0.2	0.2	0.6	0.1	0.4	0.4	0.0
zoology	0.5	0.4	0.0	0.9	0.3	0.1	0.0	0.7	0.1	0.1	0.0
other biological science	0.3	0.4	0.7	0.0	0.5	0.7	0.5	0.1	0.4	0.4	0.0
Business											
accounting	5.2	4.9	2.8	6.4	5.0	3.3	11.1	5.0	8.9	9.6	2.2
business admin (general)	7.2	6.0	5.5	7.7	8.5	6.8	10.3	10.6	6.3	6.0	9.0
finance	4.4	6.7	3.8	4.5	2.0	1.1	6.2	1.5	3.0	3.0	2.6
marketing	3.0	2.5	3.7	3.6	2.8	2.2	5.7	2.3	4.4	4.8	0.2
management	5.8	3.9	1.1	6.1	9.3	11.5	7.4	6.3	4.1	4.1	4.0
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business	1.3	2.3	2.2	0.4	0.9	1.1	1.1	0.6	0.7	0.8	0.0
Education											
business education	0.4	0.0	0.0	0.1	1.2	2.0	0.0	0.4	0.0	0.0	0.0
elementary education	0.3	0.0	0.0	0.7	0.2	0.0	0.1	0.7	0.4	0.4	0.0
music or art education	0.4	0.2	0.1	0.8	0.3	0.3	0.0	0.5	0.1	0.0	1.2
physical education or recreation	1.1	0.0	0.9	2.5	0.9	0.7	1.7	0.8	0.6	0.5	2.1
secondary education	1.1	0.4	0.0	1.5	1.7	1.4	1.3	2.5	1.5	1.7	0.0
special education	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
other education	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.0	0.0
Engineering											
aeronautical/astronautical eng	3.3	5.2	1.7	4.1	0.7	1.3	0.3	0.0	2.4	2.4	2.3
civil engineering	1.5	1.7	1.5	1.8	0.8	0.8	1.0	0.8	1.8	1.4	6.4
chemical engineering	1.0	1.9	0.7	0.8	0.4	0.4	0.3	0.4	1.3	1.4	0.0
electrical/electronic eng	5.2	6.9	5.3	5.2	3.5	3.5	2.5	4.0	7.0	7.6	1.8
industrial engineering	0.6	1.0	0.0	0.6	0.3	0.0	0.3	0.8	1.4	1.6	0.0
mechanical engineering	3.7	6.0	4.1	1.3	3.8	1.4	1.9	9.0	6.7	7.2	1.6
other engineering	2.5	1.2	8.8	3.5	0.6	0.7	0.5	0.4	3.1	3.4	0.0

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE MAJOR IN 1987											
Physical Sciences											
astronomy	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.0	0.9	1.0	0.0
atmospheric science	0.8	2.4	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.0
chemistry	1.2	1.0	1.6	0.9	1.5	1.0	1.8	2.1	1.5	1.6	0.0
earth science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine science	0.1	0.0	0.1	0.3	0.1	0.0	0.3	0.1	0.0	0.0	0.0
mathematics	0.9	0.7	0.8	1.1	0.9	0.6	1.3	1.3	0.1	0.0	1.1
physics	0.9	1.3	1.6	0.5	0.5	0.4	0.5	0.5	0.1	0.0	1.0
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
other physical science	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.6	0.0	6.5
Professional											
architecture or urban planning	1.6	4.1	1.1	0.0	0.9	1.5	0.0	0.3	2.6	1.8	10.6
home economics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology (med,dent,lab)	0.5	0.4	0.7	0.0	0.9	0.3	0.3	2.3	0.3	0.3	0.0
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.3	0.3	0.4	0.0
pharmacy	0.5	0.8	0.0	0.5	0.3	0.6	0.0	0.0	0.2	0.2	0.0
predental,premedical,prevet	4.2	4.9	9.5	2.2	3.8	4.5	2.6	3.1	0.5	0.6	0.0
therapy (phys,occup,speech)	0.7	0.6	0.4	1.0	0.5	0.0	1.3	0.9	0.8	0.9	0.0
other professional	1.3	1.5	0.6	1.6	1.0	0.4	1.4	2.0	0.9	1.0	0.0
Social Sciences											
anthropology	0.2	0.3	0.6	0.2	0.1	0.1	0.0	0.0	0.2	0.0	1.6
economics	0.6	0.4	1.4	0.2	0.9	1.2	0.7	0.3	0.3	0.4	0.0
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.9	3.0	7.9	2.9	4.4	3.5	3.5	6.5	0.6	0.6	0.0
psychology	2.4	1.5	4.6	1.7	3.6	3.0	2.2	5.2	2.3	2.2	3.0
social work	0.2	0.0	0.1	0.1	0.7	1.3	0.0	0.0	0.0	0.0	0.0
sociology	0.2	0.4	0.0	0.0	0.4	0.0	0.4	1.2	0.0	0.0	0.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.0	0.3	0.0	3.1
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	1.2	0.7	1.1	2.5	0.5	0.8	0.3	0.2	1.2	1.0	3.9
drafting or design	0.9	1.0	0.0	1.2	0.6	1.1	0.0	0.0	0.7	0.3	4.6
electronics	0.3	0.1	0.0	0.1	1.0	1.7	0.0	0.2	0.4	0.5	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	0.9
other technical	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	1.5	1.6	0.0
Other											
agriculture	0.4	0.9	0.0	0.3	0.2	0.0	0.0	0.6	4.5	4.8	2.0
communications	3.7	1.5	2.4	4.7	5.3	6.7	4.7	3.3	3.1	3.5	0.0
computer science	2.1	1.4	1.8	3.1	1.8	1.4	1.2	2.7	2.8	2.6	5.7
forestry	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.3	0.2	0.2	1.1
law enforcement	0.9	0.6	0.0	1.5	1.0	0.6	1.1	1.8	1.4	1.1	3.8
military science	0.2	0.4	0.0	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0
other field	0.8	0.3	0.5	0.6	1.5	1.9	1.1	1.0	1.6	1.1	7.0
undecided	6.8	5.6	4.7	7.7	7.7	8.4	9.7	5.6	7.4	7.9	2.6

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	2.8	3.1	0.4	2.5	3.6	6.0	2.5	0.8	0.2	0.0	*2.5*
English (language & literature)	3.4	1.9	5.3	2.8	5.4	5.7	4.1	5.6	1.1	1.2	*0.0*
history	3.8	1.9	8.8	3.3	4.9	4.0	3.7	6.8	2.4	2.7	*0.0*
journalism	1.0	0.8	1.9	1.0	1.1	0.3	3.2	1.1	0.0	0.0	*0.0*
language/literature (except Eng)	0.5	0.5	1.0	0.0	0.9	1.2	0.6	0.5	0.8	0.9	*0.0*
music	1.0	0.4	1.7	1.4	1.0	1.2	2.3	0.0	0.5	0.0	*4.8*
philosophy	0.6	0.1	0.8	0.6	1.0	0.8	1.0	1.1	0.0	0.0	*0.0*
speech	0.4	0.6	0.4	0.0	0.5	0.6	0.0	0.5	0.4	0.4	*0.0*
theater or drama	0.3	0.1	0.3	0.2	0.5	0.7	0.2	0.3	0.0	0.0	*0.0*
theology or religion	0.4	0.0	0.0	0.2	1.3	2.2	0.0	0.7	0.4	0.3	*2.0*
other arts and humanities	0.5	0.8	0.3	0.0	0.8	0.8	0.3	1.1	0.4	0.0	*4.5*
Biological Sciences											
biology (general)	4.4	4.2	4.6	2.8	6.6	7.1	4.5	6.9	0.8	0.6	*2.8*
biochemistry or biophysics	0.2	0.2	0.0	0.4	0.2	0.2	0.5	0.0	0.0	0.0	*0.0*
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
marine (life) science	0.1	0.0	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
microbiology or bacteriology	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2	*0.0*
zoology	0.2	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0	*0.8*
other biological science	0.9	1.5	1.2	0.9	0.1	0.0	0.0	0.3	0.9	1.0	*0.0*
Business											
accounting	4.9	5.2	4.8	4.9	4.4	3.4	8.2	4.0	8.1	8.7	*1.8*
business admin (general)	3.1	1.8	1.0	3.1	5.8	5.5	2.9	7.6	4.9	4.7	*6.8*
finance	5.3	4.8	3.9	5.5	6.1	2.1	7.6	11.0	2.6	2.4	*3.9*
marketing	4.6	5.8	3.2	4.1	4.2	3.0	8.2	4.0	1.6	1.7	*1.3*
management	5.4	4.9	1.6	8.5	3.4	2.3	7.7	3.2	6.7	6.9	*5.4*
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other business	1.8	1.4	1.6	3.2	0.8	0.7	0.2	1.2	3.7	4.1	*0.0*
Education											
business education	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
elementary education	1.1	0.3	0.0	1.6	2.1	1.7	1.3	3.1	1.0	1.2	*0.0*
music or art education	0.1	0.1	0.5	0.0	0.2	0.0	0.0	0.4	0.0	0.0	*0.0*
physical education or recreation	1.1	0.8	0.0	2.0	1.0	0.4	4.2	0.3	2.6	2.1	*7.5*
secondary education	1.4	1.3	0.2	1.8	1.4	1.6	1.3	1.2	2.6	2.8	*0.0*
special education	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other education	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
Engineering											
aeronautical/astronautical eng	1.0	1.4	0.5	1.3	0.3	0.0	2.0	0.0	1.2	1.3	*0.0*
civil engineering	1.7	2.9	2.2	1.1	0.6	0.9	1.0	0.0	2.3	2.1	*4.3*
chemical engineering	0.5	0.9	1.1	0.1	0.2	0.3	0.3	0.0	0.7	0.8	*0.0*
electrical/electronic eng	2.5	3.0	4.4	2.0	1.6	1.9	1.5	1.2	3.4	3.5	*2.1*
industrial engineering	1.1	1.8	0.4	1.0	0.4	0.6	0.0	0.3	1.1	1.2	*0.0*
mechanical engineering	3.0	4.4	4.8	2.0	1.5	0.9	1.0	2.6	4.3	4.6	*1.6*
other engineering	1.1	1.0	2.5	1.5	0.5	1.0	0.0	0.0	3.7	3.9	*2.1*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	*0.0*
atmospheric science	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
chemistry	1.5	0.7	1.0	2.2	1.8	2.3	1.7	1.1	1.0	1.1	*0.0*
earth science	0.2	0.2	0.2	0.0	0.6	0.6	0.0	0.8	0.3	0.2	*1.2*
marine science	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	1.5	1.4	1.3	1.4	2.0	1.7	0.7	2.8	2.4	2.6	*0.0*
physics	0.8	1.2	0.4	0.8	0.4	0.4	0.2	0.4	0.0	0.0	*0.0*
statistics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	*0.5*
other physical science	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	1.4	1.6	*0.0*
Professional											
architecture or urban planning	0.5	0.8	1.6	0.0	0.2	0.5	0.0	0.0	2.2	1.4	*10.0*
home economics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
health technology (med,dent,lab)	0.4	0.9	0.0	0.0	0.2	0.0	1.0	0.2	0.0	0.0	*0.0*
law <graduate-level only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
nursing	0.2	0.4	0.4	0.0	0.1	0.2	0.0	0.0	0.4	0.5	*0.0*
pharmacy	0.2	0.5	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	*0.0*
predental,premedical,prevet	0.3	0.1	0.1	0.4	0.4	0.5	0.0	0.5	0.3	0.4	*0.0*
therapy (phys,occup,speech)	0.4	0.7	0.0	0.0	0.6	0.8	0.4	0.3	0.2	0.3	*0.0*
other professional	1.0	2.1	0.3	0.7	0.3	0.5	0.7	0.0	1.9	2.1	*0.0*
Social Sciences											
anthropology	0.3	0.2	0.7	0.4	0.1	0.2	0.0	0.1	0.2	0.2	*0.0*
economics	2.8	3.0	6.0	1.6	2.8	3.1	1.3	3.1	0.8	0.8	*0.3*
ethnic studies	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
geography	0.6	0.9	0.0	1.0	0.1	0.1	0.0	0.2	0.6	0.7	*0.0*
political science	5.1	5.0	7.5	4.6	5.1	6.0	6.2	3.3	2.1	2.4	*0.0*
psychology	4.2	3.8	6.1	2.4	6.3	5.8	5.2	7.6	3.2	3.1	*4.5*
social work	0.5	0.5	3.3	0.1	0.0	0.0	0.0	0.0	0.8	0.5	*3.1*
sociology	1.3	1.0	1.0	1.6	1.4	0.5	1.6	2.5	0.6	0.3	*3.5*
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other social science	1.9	1.7	0.5	3.1	1.4	2.7	0.0	0.2	0.5	0.3	*3.0*
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.2	*8.0*
data processing or computer prog	2.9	5.4	1.6	1.6	1.8	2.3	1.0	1.4	2.7	2.8	*1.5*
drafting or design	0.1	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.4	0.5	*0.0*
electronics	0.5	0.6	0.0	0.9	0.0	0.0	0.0	0.0	0.7	0.7	*1.0*
mechanics	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	1.5	1.7	*0.0*
other technical	0.9	0.0	0.6	1.6	1.4	2.6	0.0	0.3	0.2	0.2	*0.0*
Other											
agriculture	1.0	1.8	0.3	0.9	0.4	0.7	0.3	0.2	1.4	1.3	*2.3*
communications	3.1	1.7	2.9	3.5	4.7	6.3	2.9	3.2	5.0	5.0	*4.2*
computer science	3.1	2.5	2.3	5.3	1.7	0.6	2.2	3.0	2.0	1.9	*2.7*
forestry	0.2	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.5	*0.0*
law enforcement	1.6	1.8	0.8	1.8	1.4	0.9	2.5	1.6	2.1	2.3	*0.0*
military science	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other field	1.1	1.3	0.6	0.9	1.2	1.4	1.3	0.9	3.7	4.1	*0.0*
undecided	0.8	0.7	0.3	1.4	0.3	0.4	0.5	0.2	0.7	0.7	*0.0*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	1.9	1.5	0.2	2.4	2.5	4.3	1.7	0.5	0.0	0.0	*0.0*
English (language & literature)	1.6	2.7	0.9	0.9	1.6	1.3	1.9	1.7	2.2	2.5	*0.0*
history	1.5	0.3	2.7	2.3	1.3	0.6	3.2	1.4	2.8	3.2	*0.0*
journalism	0.9	0.3	3.7	0.7	0.6	0.0	2.7	0.6	0.0	0.0	*0.0*
language/literature (except Eng)	0.7	0.8	2.1	0.0	0.8	1.5	0.0	0.4	2.1	2.4	*0.0*
music	1.1	0.0	2.9	1.9	0.6	1.0	0.0	0.3	0.0	0.0	*0.0*
philosophy	0.2	0.0	0.5	0.1	0.3	0.3	1.3	0.0	0.0	0.0	*0.0*
speech	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
theater or drama	0.4	0.2	0.5	0.3	0.8	1.3	0.0	0.4	0.0	0.0	*0.0*
theology or religion	1.6	0.9	0.5	1.3	3.2	4.7	0.4	2.4	0.2	0.0	*1.0*
other arts and humanities	0.5	0.5	0.0	0.3	0.9	0.9	0.4	1.1	0.0	0.0	*0.0*
Biological Sciences											
biology (general)	0.5	0.0	0.0	0.0	1.8	0.2	0.4	4.5	0.0	0.0	*0.0*
biochemistry or biophysics	0.4	0.5	1.0	0.0	0.4	0.7	0.4	0.0	0.0	0.0	*0.0*
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
marine (life) science	0.1	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
microbiology or bacteriology	0.3	0.3	0.6	0.4	0.0	0.0	0.0	0.0	0.4	0.5	*0.0*
zoology	0.5	0.0	0.0	1.0	0.7	0.7	0.0	0.8	0.7	0.6	*1.4*
other biological science	1.5	0.7	0.9	2.8	1.4	1.4	1.3	1.3	1.0	1.1	*0.0*
Business											
accounting	2.8	5.4	1.0	1.6	2.1	3.3	2.1	0.5	3.3	3.8	*0.0*
business admin (general)	8.8	11.2	5.3	8.0	8.7	7.1	6.8	11.4	5.5	4.4	*12.8*
finance	5.6	6.2	4.0	7.6	3.4	3.2	6.4	2.5	2.6	2.2	*4.8*
marketing	2.4	2.5	2.2	2.3	2.4	3.2	6.0	0.0	1.6	1.2	*4.3*
management	5.5	4.4	5.1	7.1	5.0	5.7	8.5	2.9	6.7	7.2	*3.5*
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other business	1.6	3.0	1.1	0.9	1.2	1.4	0.9	1.0	1.4	1.6	*0.0*
Education											
business education	0.2	0.3	0.0	0.1	0.4	0.0	2.0	0.4	0.0	0.0	*0.0*
elementary education	0.3	0.0	0.0	0.0	1.0	1.2	1.6	0.6	0.0	0.0	*0.0*
music or art education	0.2	0.3	0.0	0.0	0.3	0.5	0.0	0.3	0.0	0.0	*0.0*
physical education or recreation	1.4	0.6	1.3	3.1	0.5	0.0	3.5	0.0	2.6	3.0	*0.0*
secondary education	2.1	2.4	0.3	2.7	2.1	2.1	1.9	2.2	4.8	5.6	*0.0*
special education	0.5	0.0	0.0	1.5	0.1	0.2	0.0	0.0	0.7	0.8	*0.0*
other education	1.0	0.9	0.0	1.5	1.1	1.1	1.2	1.1	1.8	0.9	*8.1*
Engineering											
aeronautical/astronautical eng	1.4	1.8	0.9	2.2	0.3	0.5	0.4	0.0	1.2	1.4	*0.0*
civil engineering	0.8	1.1	0.4	0.5	0.9	1.1	0.9	0.8	2.4	2.5	*2.0*
chemical engineering	0.3	0.0	0.5	0.2	0.7	1.3	0.5	0.0	0.0	0.0	*0.0*
electrical/electronic eng	1.3	2.1	1.9	1.2	0.4	0.3	0.8	0.4	3.8	4.4	*0.0*
industrial engineering	0.7	0.4	0.2	1.8	0.2	0.2	0.0	0.2	0.0	0.0	*0.0*
mechanical engineering	1.9	2.6	1.7	1.5	1.6	0.9	0.0	3.1	1.3	1.5	*0.0*
other engineering	2.1	3.5	1.4	2.2	0.9	1.0	0.4	1.1	0.9	1.0	*0.0*

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.1	0.2	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	*0.0*
atmospheric science	0.1	0.0	0.0	0.4	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
chemistry	0.6	0.1	0.0	0.9	1.2	1.4	1.7	0.9	1.2	1.1	*2.1*
earth science	0.2	0.3	0.2	0.0	0.3	0.3	0.0	0.4	0.6	0.7	*0.0*
marine science	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	0.4	0.2	1.0	0.0	0.7	0.3	0.5	1.3	0.5	0.6	*0.0*
physics	0.8	1.4	0.2	1.0	0.3	0.4	0.0	0.3	0.0	0.0	*0.0*
statistics	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.4	0.5	*0.0*
other physical science	0.1	0.0	0.0	0.1	0.2	0.1	1.1	0.0	1.4	1.6	*0.0*
Professional											
architecture or urban planning	0.6	0.4	2.0	0.4	0.5	0.4	0.0	0.7	3.3	0.0	*24.8*
home economics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
health technology (med,dent,lab)	1.8	2.0	2.5	1.0	2.1	1.7	4.1	1.7	0.6	0.7	*0.0*
law	10.4	12.9	18.5	5.5	9.4	10.5	10.6	7.5	7.7	5.1	*24.4*
library or information science	0.2	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
nursing	0.1	0.0	0.6	0.0	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
pharmacy	0.4	1.0	0.0	0.0	0.3	0.4	0.6	0.0	0.0	0.0	*0.0*
predental,premedical,prevet	3.7	3.5	7.5	0.5	5.6	9.2	1.7	2.7	1.8	2.0	*0.0*
therapy (phys,occup,speech)	0.7	0.5	1.0	0.6	1.0	0.6	1.8	1.3	4.3	4.9	*0.0*
other professional	2.4	3.8	1.5	2.7	1.2	0.4	1.4	2.0	0.0	0.0	*0.0*
Social Sciences											
anthropology	0.3	0.4	0.0	0.4	0.1	0.0	0.9	0.0	0.0	0.0	*0.0*
economics	0.5	0.2	0.5	0.5	0.8	1.1	0.0	0.7	0.1	0.0	*0.5*
ethnic studies	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	*0.0*
geography	0.6	1.2	0.0	0.7	0.1	0.0	0.0	0.4	0.0	0.0	*0.0*
political science	2.2	1.1	3.1	3.0	2.0	1.5	3.7	2.0	5.1	5.9	*0.0*
psychology	4.8	1.6	6.2	6.0	6.2	6.2	3.6	7.1	5.8	6.4	*1.8*
social work	0.4	1.2	0.2	0.0	0.2	0.3	0.4	0.0	1.9	2.2	*0.0*
sociology	0.5	0.6	0.9	0.3	0.5	0.9	0.0	0.2	0.0	0.0	*0.0*
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other social science	0.5	0.9	0.0	0.0	0.9	1.5	0.0	0.5	0.0	0.0	*0.0*
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	*0.0*
data processing or computer prog	0.8	0.5	2.1	0.4	0.8	0.6	1.1	0.8	2.1	2.4	*0.0*
drafting or design	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
electronics	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.0	*0.0*
other technical	0.6	0.0	0.5	1.2	0.4	0.9	0.0	0.0	0.5	0.6	*0.0*
Other											
agriculture	0.4	0.6	0.0	0.6	0.1	0.2	0.0	0.0	0.8	0.9	*0.0*
communications	1.6	1.5	1.2	2.3	1.0	0.9	1.5	0.9	1.6	1.2	*4.4*
computer science	3.9	1.8	1.6	4.2	7.0	1.6	1.7	15.8	2.6	2.5	*3.5*
forestry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
law enforcement	0.4	0.3	0.0	0.6	0.5	0.7	1.0	0.0	1.3	1.5	*0.0*
military science	0.1	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other field	1.3	1.4	1.0	0.9	1.7	2.0	1.7	1.3	0.6	0.7	*0.0*
undecided	3.4	1.4	3.2	4.8	4.2	2.0	3.0	7.4	0.5	0.6	*0.0*

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Socializing with Friends											
none	0.3	0.0	0.0	0.7	0.2	0.1	0.0	0.4	0.1	0.1	0.0
less than one	1.3	2.2	1.0	1.6	0.3	0.3	0.3	0.3	1.7	1.8	0.0
1 to 2	3.9	3.3	4.2	4.7	3.7	4.9	2.7	2.1	3.6	3.4	6.2
3 to 5	12.4	10.4	13.0	14.1	12.2	10.6	10.4	15.9	13.2	13.1	13.7
6 to 10	23.2	23.5	22.0	20.8	26.0	30.6	23.1	19.8	16.4	16.5	15.5
11 to 15	18.8	16.3	20.8	20.2	19.2	16.3	23.6	22.0	22.3	22.9	16.1
16 to 20	12.6	11.2	14.1	14.9	10.9	11.4	10.0	10.3	16.2	15.4	23.4
more than 20	27.5	33.0	24.9	23.0	27.5	25.9	29.8	29.2	26.6	26.7	25.2
Exercising or Sports											
none	2.9	2.6	1.5	3.4	3.2	3.8	1.7	2.9	1.1	1.2	0.0
less than one	6.4	5.1	6.4	6.9	7.3	5.6	3.8	11.7	6.1	6.7	0.0
1 to 2	10.5	11.0	9.4	10.4	10.6	10.9	7.8	11.4	10.0	10.3	7.3
3 to 5	17.9	20.9	18.8	14.8	18.0	19.8	16.2	16.0	22.1	22.4	19.7
6 to 10	18.9	17.0	17.5	23.2	16.6	15.5	24.9	14.6	24.0	24.0	23.8
11 to 15	18.3	18.5	19.4	14.6	22.1	24.2	20.2	19.4	11.7	10.1	27.3
16 to 20	9.0	9.9	7.9	9.2	8.1	6.4	8.2	11.0	11.7	11.6	12.5
more than 20	16.0	15.1	19.1	17.4	14.1	13.9	17.1	13.1	13.5	13.9	9.5
Partying											
none	10.4	9.9	8.6	12.1	9.6	8.4	6.8	13.0	11.3	11.7	7.2
less than one	11.1	11.7	13.3	10.4	10.5	11.9	9.7	8.6	11.6	11.4	13.4
1 to 2	16.2	15.4	18.2	18.1	14.1	16.7	12.5	10.7	17.1	17.2	15.7
3 to 5	23.0	18.6	21.0	24.5	26.6	26.7	29.0	25.3	18.7	18.1	24.9
6 to 10	18.2	20.0	19.6	16.7	17.3	15.2	23.4	17.9	12.8	12.2	19.0
11 to 15	11.0	12.0	10.5	9.2	12.0	13.7	9.9	10.4	8.5	8.4	10.1
16 to 20	3.6	3.6	3.1	3.9	3.4	2.8	5.8	3.3	9.9	10.6	2.6
more than 20	6.6	8.8	5.8	5.0	6.3	4.7	2.9	10.7	10.1	10.4	7.1
Working (for pay)											
none	22.3	16.8	36.7	21.8	23.9	23.2	21.5	26.3	16.8	17.3	11.4
less than one	4.1	6.5	3.4	3.3	2.7	3.1	1.2	2.6	2.4	2.3	3.0
1 to 2	4.7	6.9	4.3	4.3	2.7	2.3	2.6	3.4	2.1	2.3	0.0
3 to 5	6.1	3.7	9.9	7.2	6.1	6.1	6.3	6.1	8.3	8.6	5.4
6 to 10	11.2	9.1	11.6	10.7	14.0	15.5	16.2	10.4	10.1	9.3	18.7
11 to 15	11.9	11.5	7.7	12.3	13.5	14.8	17.0	9.4	16.1	16.7	10.8
16 to 20	15.1	15.1	12.0	16.9	14.3	15.5	13.6	12.4	13.0	12.3	20.7
more than 20	24.5	30.4	14.5	23.4	22.9	19.5	21.6	29.5	31.2	31.3	30.1
Student Clubs and Groups											
none	32.9	29.9	21.4	38.5	33.8	29.3	37.2	39.9	40.2	40.9	33.5
less than one	14.2	16.7	14.2	12.9	13.0	14.5	13.0	10.3	11.2	9.7	25.7
1 to 2	22.6	20.2	24.4	27.0	19.4	17.8	24.5	19.7	18.1	18.3	16.6
3 to 5	18.1	19.5	20.0	12.9	22.0	25.3	17.3	18.7	18.9	19.3	14.6
6 to 10	7.8	10.1	13.7	4.8	6.8	7.0	5.2	7.3	6.7	6.9	5.6
11 to 15	2.4	2.1	4.0	2.2	2.5	3.4	0.9	1.7	1.1	0.8	4.0
16 to 20	0.7	0.9	0.5	0.5	0.7	1.2	0.0	0.2	1.7	1.9	0.0
more than 20	1.3	0.7	1.8	1.2	1.8	1.5	2.0	2.2	2.1	2.3	0.0

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Watching TV											
none	4.0	4.0	2.8	1.9	6.9	7.5	3.6	7.6	2.5	2.1	6.7
less than one	11.7	13.0	10.7	10.2	12.4	15.4	9.5	8.8	11.9	12.2	9.3
1 to 2	21.2	19.8	19.1	22.9	21.6	21.5	24.5	20.4	14.2	13.2	23.6
3 to 5	25.5	25.5	28.9	25.7	24.2	20.5	25.6	29.7	30.5	29.5	39.9
6 to 10	20.1	16.9	21.6	23.0	19.6	20.0	20.0	18.8	24.2	25.9	6.3
11 to 15	7.6	7.3	8.8	8.2	7.0	5.8	8.6	8.2	8.8	8.8	8.6
16 to 20	4.0	4.0	4.0	4.2	3.7	3.8	4.4	3.0	4.4	4.5	3.4
more than 20	5.9	9.7	4.1	3.9	4.6	5.5	3.7	3.5	3.6	3.8	2.3
Hobbies											
none	9.2	7.7	4.8	10.8	10.7	11.7	9.3	9.6	7.3	7.4	6.3
less than one	11.3	11.0	12.2	12.1	10.5	10.5	13.2	9.3	9.6	9.8	7.1
1 to 2	24.4	23.4	23.9	24.0	26.3	27.6	24.0	25.4	22.2	21.5	28.8
3 to 5	23.7	25.3	30.1	22.2	21.5	19.1	27.1	22.7	28.6	28.3	30.7
6 to 10	14.1	14.1	16.3	15.1	12.0	12.1	11.1	12.3	17.1	16.9	19.8
11 to 15	8.0	6.1	5.2	7.1	12.2	11.1	6.2	17.0	8.3	8.9	2.9
16 to 20	4.1	6.4	2.3	3.2	3.2	3.8	4.3	1.6	3.4	3.3	4.4
more than 20	5.2	6.0	5.2	5.6	3.7	4.3	4.9	2.1	3.6	3.9	0.2
Studying or Doing Homework											
none	3.0	3.0	7.6	2.2	2.2	3.0	1.4	1.4	1.1	1.2	0.0
less than one	11.3	13.6	6.0	12.1	9.7	9.3	8.8	11.0	11.2	11.5	9.0
1 to 2	16.2	17.0	9.0	18.9	14.7	11.8	14.2	19.7	16.3	15.0	29.7
3 to 5	29.3	30.4	22.8	28.1	31.7	34.2	28.0	29.2	37.6	37.5	38.2
6 to 10	23.5	21.2	25.9	25.0	23.4	23.1	27.0	22.2	23.9	25.1	12.2
11 to 15	11.2	9.9	16.5	9.7	12.5	13.0	13.4	11.2	7.4	7.3	8.7
16 to 20	3.3	3.0	8.6	2.1	3.2	3.0	6.1	2.0	1.8	1.7	2.3
more than 20	2.2	1.9	3.6	1.7	2.6	2.6	1.1	3.3	0.6	0.7	0.0
Talking w/Teacher Outside Class											
none	10.2	13.1	8.9	9.6	8.2	6.3	6.2	12.4	8.8	9.4	3.6
less than one	38.8	41.7	30.7	42.5	33.9	34.9	35.3	31.6	36.9	37.5	31.2
1 to 2	33.4	30.7	36.2	30.2	39.3	41.7	39.8	35.0	35.8	34.3	51.2
3 to 5	13.2	10.7	19.3	13.5	13.3	11.4	14.9	15.8	13.9	14.7	5.1
6 to 10	2.9	2.8	4.3	3.0	2.5	2.4	2.0	3.0	3.4	3.2	4.7
11 to 15	0.9	0.9	0.2	0.6	1.6	2.4	0.6	0.7	0.8	0.5	3.9
16 to 20	0.5	0.1	0.0	0.7	0.8	0.6	1.3	1.1	0.2	0.2	0.2
more than 20	0.1	0.0	0.4	0.0	0.3	0.4	0.0	0.4	0.2	0.2	0.0

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.7	2.2	0.0	0.0	0.2	0.4	0.0	0.0	0.3	0.3	0.0
less than one	1.1	1.3	0.8	1.4	0.8	1.3	0.1	0.1	1.5	1.2	4.6
1 to 2	4.3	2.4	2.2	5.5	5.9	7.6	2.3	4.9	4.1	3.8	6.5
3 to 5	14.3	14.6	16.5	15.2	12.0	11.4	11.1	13.6	13.2	13.6	10.3
6 to 10	23.3	26.5	18.3	22.8	22.0	16.7	20.1	32.2	25.7	25.4	28.7
11 to 15	17.8	16.6	17.5	18.5	18.3	16.7	26.0	17.2	17.8	17.1	24.8
16 to 20	15.3	15.4	19.5	13.1	16.3	20.5	13.6	10.6	11.1	10.5	16.0
more than 20	23.1	21.0	25.1	23.5	24.4	25.5	26.8	21.4	26.3	28.1	9.2
Exercising or Sports											
none	1.7	0.9	2.2	1.7	2.3	2.7	3.4	1.2	2.4	2.5	1.3
less than one	8.3	10.2	7.6	7.1	8.0	10.3	4.2	5.9	9.2	9.8	3.1
1 to 2	17.5	18.7	15.6	17.2	17.2	17.4	10.6	20.3	14.1	13.6	18.0
3 to 5	28.1	29.9	28.2	29.3	24.5	21.5	23.9	30.1	26.6	25.9	32.6
6 to 10	22.3	25.8	22.7	19.3	21.9	18.8	27.9	24.4	22.6	22.7	21.0
11 to 15	9.5	9.3	7.3	9.7	10.2	10.7	13.8	7.5	7.7	6.8	15.3
16 to 20	5.9	2.1	7.4	6.7	8.8	10.5	7.1	6.8	11.5	12.0	7.0
more than 20	6.7	3.1	9.0	9.0	7.1	8.2	9.2	4.0	6.1	6.5	1.7
Reading for Pleasure											
none	10.9	10.8	10.4	11.6	10.3	6.6	9.3	17.0	15.2	15.5	12.9
less than one	26.8	25.7	26.1	25.2	30.1	34.8	23.2	25.5	25.0	23.6	37.8
1 to 2	29.0	29.7	31.6	27.7	28.8	25.4	31.3	33.3	28.9	30.4	14.9
3 to 5	20.5	19.2	20.7	23.9	18.0	19.5	24.3	12.1	18.5	17.9	24.2
6 to 10	7.8	9.8	6.4	7.0	7.0	6.8	9.0	6.2	9.6	9.5	10.2
11 to 15	2.5	3.0	2.7	2.1	2.5	3.1	1.9	1.9	1.9	2.1	0.0
16 to 20	1.5	1.3	0.3	1.7	1.8	1.4	0.5	3.1	0.5	0.6	0.0
more than 20	1.0	0.5	1.9	0.8	1.6	2.4	0.5	0.8	0.4	0.5	0.0
Using a Personal Computer											
none	9.0	8.4	3.1	10.4	10.1	12.1	8.5	7.5	14.5	12.7	31.6
less than one	15.3	16.7	15.7	16.3	12.3	11.4	13.1	13.5	12.4	13.3	4.1
1 to 2	19.6	20.7	19.0	19.1	19.0	18.4	24.4	17.4	15.1	14.4	20.9
3 to 5	22.3	20.4	20.3	22.8	24.6	25.6	26.5	21.8	19.9	20.3	16.6
6 to 10	14.4	12.3	19.9	12.1	17.5	18.5	15.8	16.8	13.7	13.9	11.8
11 to 15	7.8	10.2	8.4	6.4	6.4	6.4	4.4	7.5	5.9	5.6	9.0
16 to 20	4.3	3.3	4.8	5.8	3.5	2.4	4.7	4.7	8.5	9.1	3.0
more than 20	7.4	8.0	8.9	7.0	6.5	5.1	2.5	10.7	10.0	10.7	3.0
Partying											
none	11.8	9.2	8.9	14.2	12.8	11.5	5.5	18.6	9.4	8.2	20.8
less than one	12.8	15.2	12.1	9.5	14.4	15.5	9.7	14.8	11.7	12.3	6.0
1 to 2	13.7	13.1	12.3	13.9	14.7	16.6	13.9	11.8	10.0	9.3	16.4
3 to 5	21.3	23.4	22.8	21.6	18.1	17.8	20.8	17.2	24.9	25.5	18.8
6 to 10	19.8	18.8	17.8	21.2	20.1	20.7	20.5	18.9	19.8	19.5	23.4
11 to 15	9.6	9.3	11.9	10.4	8.3	6.2	11.0	10.5	10.1	9.9	11.3
16 to 20	4.5	5.1	4.9	3.4	5.2	4.9	10.5	2.8	6.8	7.4	2.0
more than 20	6.4	6.0	9.2	5.8	6.6	6.9	8.1	5.3	7.3	7.9	1.1

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	19.6	16.9	32.4	21.6	15.8	17.8	14.3	13.2	20.9	21.0	20.1
less than one	2.6	3.7	0.4	2.3	2.6	2.8	1.4	2.8	2.1	2.3	0.0
1 to 2	2.7	1.7	4.1	2.9	3.1	3.3	4.3	2.2	3.7	3.2	8.3
3 to 5	5.8	4.6	5.4	7.3	5.7	5.6	5.7	5.8	3.8	3.4	7.5
6 to 10	12.0	7.6	18.0	11.1	16.0	15.7	13.4	17.8	8.6	9.2	3.1
11 to 15	11.6	11.6	9.5	10.5	13.8	12.9	16.5	13.9	9.3	8.8	13.3
16 to 20	15.7	16.8	11.1	15.1	16.9	19.5	14.0	14.0	12.2	11.8	15.8
more than 20	29.8	37.1	19.1	29.1	26.1	22.4	30.3	30.4	39.5	40.3	31.8
Clubs or Groups											
none	31.3	32.7	24.6	31.0	32.4	31.1	28.6	36.7	40.1	40.1	41.0
less than one	15.7	17.0	8.7	15.0	17.3	18.7	22.1	12.4	14.3	14.6	11.5
1 to 2	19.9	19.7	20.3	21.0	18.6	18.9	16.7	18.9	21.4	21.2	24.1
3 to 5	17.0	18.0	23.5	16.0	14.9	14.6	18.5	13.5	13.3	12.9	17.1
6 to 10	9.0	7.7	10.8	9.3	9.3	8.8	6.9	11.4	4.1	4.3	2.2
11 to 15	2.8	1.5	4.1	3.2	3.5	2.5	4.5	4.8	4.9	5.2	2.3
16 to 20	1.4	1.1	3.5	1.0	1.5	2.2	0.5	0.6	0.5	0.5	0.0
more than 20	3.0	2.4	4.5	3.5	2.5	3.1	2.1	1.7	1.3	1.2	1.8
Watching TV											
none	3.5	1.6	4.1	4.9	3.8	4.4	1.6	3.7	1.5	1.1	5.1
less than one	11.5	8.0	7.5	11.2	17.3	17.6	8.2	21.3	8.8	8.6	11.0
1 to 2	16.0	16.5	16.8	16.1	14.8	13.5	21.1	14.0	20.6	21.8	8.0
3 to 5	26.7	28.0	27.6	22.3	30.3	29.1	29.2	32.9	22.9	22.6	25.8
6 to 10	20.8	24.7	16.7	21.2	17.6	17.9	19.6	16.1	23.8	22.8	33.2
11 to 15	9.6	10.2	14.1	8.9	8.0	8.5	11.8	5.4	11.1	11.2	9.3
16 to 20	5.2	6.6	7.0	5.3	2.9	3.0	3.5	2.7	5.3	5.3	5.7
more than 20	6.7	4.4	6.3	10.0	5.3	6.1	5.1	4.0	6.1	6.5	1.9
Commuting											
none	34.8	28.0	43.5	38.7	34.7	32.8	36.2	37.0	30.2	30.6	25.8
less than one	16.0	17.3	17.4	14.0	16.5	14.3	12.1	22.6	13.6	14.2	8.3
1 to 2	19.3	21.2	16.8	21.0	15.9	11.0	21.6	21.4	18.2	16.6	33.0
3 to 5	17.5	19.2	10.9	15.8	19.9	25.4	15.5	12.9	18.4	18.5	17.1
6 to 10	8.4	9.1	6.4	7.4	9.4	12.9	9.5	3.3	13.6	13.7	12.8
11 to 15	2.1	3.2	2.2	1.5	1.5	1.6	2.5	0.9	3.6	3.7	3.0
16 to 20	0.9	1.1	2.7	0.3	0.6	0.5	1.4	0.4	0.0	0.0	0.0
more than 20	1.0	0.8	0.0	1.2	1.4	1.5	1.2	1.5	2.5	2.7	0.0
Religious Services or Meetings											
none	45.6	48.9	56.2	43.2	41.3	46.2	23.0	42.1	47.6	46.9	54.3
less than one	26.3	33.4	19.0	24.2	23.3	19.5	33.7	24.7	24.0	24.8	16.8
1 to 2	19.5	13.9	17.3	22.8	22.8	21.9	37.0	17.0	22.7	23.0	20.4
3 to 5	6.3	2.4	5.5	8.3	8.7	6.4	5.2	14.4	4.2	3.8	8.4
6 to 10	1.5	1.0	1.6	1.3	2.4	3.6	0.3	1.4	0.6	0.7	0.0
11 to 15	0.1	0.0	0.0	0.0	0.5	0.6	0.5	0.5	0.7	0.8	0.0
16 to 20	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
more than 20	0.5	0.5	0.4	0.1	1.0	1.8	0.3	0.0	0.0	0.0	0.0

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	17.1	18.4	18.2	15.9	16.9	17.5	15.5	16.5	10.1	10.1	10.8
less than one	20.2	19.8	18.4	22.3	18.5	17.2	19.3	20.5	12.8	13.1	9.7
1 to 2	24.7	26.6	26.2	22.3	25.1	24.7	26.4	25.2	30.1	28.9	42.0
3 to 5	20.7	19.7	17.5	21.6	21.7	21.5	19.9	22.9	26.9	27.7	18.8
6 to 10	10.3	7.9	13.4	10.6	11.5	12.6	12.1	9.2	14.8	15.0	13.2
11 to 15	3.2	3.7	2.3	3.0	3.4	3.8	4.1	2.4	3.5	3.5	3.2
16 to 20	1.5	1.1	1.2	1.7	1.7	1.4	0.8	2.6	0.4	0.5	0.0
more than 20	2.3	2.8	2.9	2.5	1.2	1.4	1.8	0.8	1.4	1.3	2.4
Classes or Labs											
none	6.0	5.2	2.7	8.3	5.3	6.0	5.7	3.9	9.8	9.0	17.3
less than one	0.6	1.0	0.4	0.4	0.3	0.2	1.3	0.1	0.6	0.7	0.0
1 to 2	1.5	1.4	0.3	1.8	1.6	1.8	3.5	0.3	1.9	2.1	0.0
3 to 5	5.2	4.8	7.4	4.0	6.5	5.4	8.3	7.5	9.9	9.6	13.5
6 to 10	14.5	15.0	16.5	12.5	15.7	19.8	15.7	8.8	10.9	10.9	11.4
11 to 15	33.3	33.8	37.2	29.0	36.6	32.2	33.9	45.6	25.0	25.8	17.1
16 to 20	23.5	23.4	23.3	27.1	19.5	16.6	22.5	22.9	25.8	25.7	26.4
more than 20	15.3	15.3	12.1	16.9	14.4	18.0	9.0	10.9	16.1	16.2	14.4
Studying or Doing Homework											
none	4.8	5.2	2.5	4.5	5.5	6.8	4.5	3.7	7.9	7.5	11.4
less than one	0.9	1.3	1.9	0.3	0.7	0.9	1.2	0.2	1.4	1.3	2.2
1 to 2	7.9	7.9	5.9	9.5	6.7	5.1	10.5	7.6	4.5	4.4	4.7
3 to 5	17.9	14.6	18.2	19.8	19.2	21.4	16.8	16.5	22.2	21.6	27.7
6 to 10	25.4	28.1	20.3	24.1	25.6	26.1	28.3	23.4	24.4	25.1	17.1
11 to 15	17.7	18.9	18.6	16.7	17.1	14.5	16.8	21.7	17.6	18.4	11.0
16 to 20	11.6	9.9	14.1	11.6	12.8	13.1	11.6	12.8	12.5	12.2	15.8
more than 20	13.9	14.2	18.5	13.6	12.4	12.1	10.2	14.1	9.5	9.4	10.0
Talking w/Faculty Outside Class											
none	16.2	18.6	12.7	16.8	13.8	17.4	11.0	9.3	20.4	19.7	27.4
less than one	45.1	51.5	55.3	42.6	37.3	35.4	42.9	37.8	41.9	41.8	42.5
1 to 2	25.8	19.6	24.7	26.9	31.8	27.1	34.7	38.4	25.7	25.8	24.5
3 to 5	10.3	8.5	5.7	10.1	14.3	16.7	8.9	12.9	10.2	11.1	2.2
6 to 10	1.8	1.0	0.9	3.0	1.5	1.3	1.7	1.7	1.5	1.7	0.0
11 to 15	0.3	0.0	0.2	0.6	0.5	0.8	0.5	0.0	0.3	0.0	3.4
16 to 20	0.2	0.7	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
more than 20	0.3	0.0	0.5	0.0	0.8	1.4	0.0	0.0	0.0	0.0	0.0

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ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	7.0	10.8	8.6	5.3	4.2	4.3	5.9	3.1	9.3	9.4	8.7
one	15.9	16.6	13.4	17.8	13.8	16.8	7.2	12.1	20.2	19.7	24.7
more than one	77.1	72.6	78.0	76.9	82.0	78.9	87.0	84.8	70.6	71.0	66.6
Emotional Support/Encouragement											
none	25.1	34.1	31.9	23.3	14.7	14.9	19.8	11.7	30.6	29.6	40.3
one	24.0	28.3	22.2	21.1	23.4	26.7	20.2	19.6	26.0	27.1	14.7
more than one	50.9	37.5	45.9	55.6	61.9	58.5	60.0	68.6	43.5	43.3	45.0
Sponsorship for Special Programs											
none	51.1	61.9	54.9	50.9	37.9	41.2	47.5	27.6	61.1	61.3	59.7
one	19.2	16.5	19.7	18.7	22.8	22.0	18.2	26.6	15.0	14.4	21.3
more than one	29.6	21.6	25.4	30.4	39.3	36.8	34.3	45.8	23.8	24.4	19.0
Letter of Recommendation for Job											
none	31.4	38.8	23.3	34.1	22.7	28.9	19.5	13.8	37.6	37.9	34.1
one	11.6	13.1	10.0	10.2	12.0	12.3	13.9	10.5	16.0	15.8	18.4
more than one	57.0	48.1	66.7	55.7	65.3	58.8	66.7	75.7	46.4	46.3	47.5
Help Cutting Through "Red Tape"											
none	37.0	49.0	37.8	35.5	24.8	26.8	24.3	21.8	40.4	40.5	39.9
one	23.8	23.9	29.1	21.4	24.7	25.8	27.4	21.5	27.2	26.1	37.5
more than one	39.2	27.1	33.0	43.1	50.5	47.4	48.3	56.6	32.4	33.4	22.6
Tutorial Assist in Study Skills											
none	34.2	42.5	45.0	27.9	28.9	32.5	24.9	24.8	26.7	26.9	24.5
one	20.8	20.2	18.6	23.4	19.2	16.1	24.4	21.7	19.3	19.1	21.5
more than one	44.9	37.3	36.4	48.7	52.0	51.4	50.6	53.5	54.0	54.1	54.0
Honest Feedback About Skills											
none	14.1	19.2	17.6	13.0	8.3	8.5	8.6	7.8	17.5	18.0	12.5
one	21.4	24.7	16.6	20.8	19.9	18.8	14.2	24.7	26.2	25.5	32.4
more than one	64.6	56.1	65.8	66.2	71.8	72.7	77.2	67.5	56.3	56.4	55.1
Intellect Challenge/Stimulation											
none	7.1	9.0	6.5	6.0	6.6	8.0	5.3	4.8	12.3	12.2	13.3
one	14.7	18.8	9.2	14.3	12.4	9.6	14.5	16.0	19.1	18.0	29.3
more than one	78.2	72.2	84.2	79.7	81.0	82.4	80.2	79.2	68.6	69.8	57.3
Role Model											
none	31.2	37.4	39.1	29.0	24.2	27.4	19.2	21.3	38.2	38.1	39.3
one	21.4	21.7	18.6	21.4	22.1	24.0	22.9	18.4	23.5	23.1	27.3
more than one	47.4	40.9	42.3	49.6	53.7	48.6	57.9	60.3	38.3	38.8	33.4

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Year Graduated from High School											
1987	98.1	99.1	99.8	97.0	97.9	97.8	97.4	98.4	89.1	87.7	97.9
1986	1.2	0.9	0.2	1.4	1.6	1.3	2.6	1.4	2.8	3.1	0.7
1985	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984 or earlier	0.4	0.0	0.0	0.8	0.4	0.9	0.0	0.0	6.9	8.0	0.0
H.S. equivalency (G.E.D. test)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.2
never completed high school	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1	0.0	1.1
Age on December 31, 1991											
20 or younger	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
21	2.7	1.8	6.9	2.3	2.9	4.2	3.3	1.0	3.2	3.3	3.1
22	78.1	73.3	80.2	79.3	81.0	76.9	83.7	85.3	76.1	78.3	62.9
23	18.2	24.6	12.9	16.4	15.4	17.9	12.2	13.8	11.9	8.3	33.8
24	0.5	0.2	0.0	1.2	0.1	0.2	0.2	0.0	0.8	0.9	0.0
25 to 28	0.2	0.0	0.0	0.6	0.1	0.1	0.3	0.0	2.1	2.5	0.2
29 to 33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.2	0.0
34 to 43	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.0	1.6	1.8	0.0
44 to 58	0.1	0.0	0.0	0.0	0.3	0.7	0.0	0.0	2.2	2.5	0.0
59 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Racial Background (1)											
White/Caucasian	83.6	80.8	88.4	82.8	86.2	78.4	88.5	96.1	90.1	89.3	94.6
African-American/Black	9.7	4.3	2.1	15.4	10.2	15.6	8.8	3.3	3.8	3.9	2.7
American Indian	1.2	2.2	0.0	0.6	1.1	1.7	0.2	0.8	0.0	0.0	0.0
Asian-American/Oriental	3.5	7.5	5.4	1.2	1.8	2.5	1.5	1.0	0.7	0.9	0.0
Mexican-American/Chicano	2.5	6.7	3.0	0.4	0.6	0.7	1.1	0.0	1.0	1.0	1.1
Puerto Rican-American	0.3	0.4	1.2	0.2	0.2	0.3	0.3	0.0	0.6	0.7	0.0
other	1.7	1.9	1.4	1.0	2.6	4.5	0.7	0.8	4.1	4.6	1.5
Have Met or Exceeded Recommended Years of High School Study (2)											
English (4 years)	97.8	98.4	99.0	96.7	98.1	99.3	96.8	97.2	96.4	97.6	89.1
mathematics (3 years)	94.4	96.4	98.7	92.8	93.3	93.6	95.1	91.7	82.1	84.9	64.2
foreign language (2 years)	87.5	90.9	96.7	85.2	84.5	84.4	88.1	82.5	72.5	75.9	45.2
physical science (2 years)	48.3	53.8	48.4	44.8	47.2	45.5	51.3	47.3	37.8	37.6	38.8
biological science (2 years)	38.0	43.2	36.1	33.8	38.8	41.0	37.0	36.7	30.8	30.4	34.0
history/Am government.(1 year)	99.5	99.9	99.6	98.9	99.7	99.8	100.0	99.3	99.5	99.7	98.3
computer science (1/2 year)	56.0	59.0	60.5	52.8	55.9	54.4	62.7	54.4	53.7	54.1	51.1
art or music (1 year)	70.0	72.4	69.2	64.9	74.1	73.2	75.8	74.5	73.2	72.7	76.0
Took Credit Courses at Freshman College Before Enrollment											
no	97.8	97.7	96.8	98.3	97.7	97.8	96.3	98.3	96.9	96.8	97.4
yes	2.2	2.3	3.2	1.7	2.3	2.2	3.7	1.7	3.1	3.2	2.6
Status of Parents in 1987											
together	72.2	71.5	82.1	70.7	72.1	67.6	78.4	74.9	73.4	71.9	82.7
divorced or separated	22.4	24.9	15.3	23.2	20.9	23.9	14.3	20.2	20.6	21.5	14.8
one or both deceased	5.4	3.5	2.6	6.2	7.1	8.5	7.3	4.9	6.1	6.6	2.5

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Average High School Grade											
A or A+	14.5	21.3	31.2	6.0	13.9	13.5	11.4	15.9	5.7	6.1	2.9
A-	14.3	16.8	19.9	9.8	15.8	15.5	16.7	15.9	8.1	8.0	8.9
B+	22.1	22.2	22.5	19.1	25.6	22.1	29.8	28.3	22.2	23.9	12.0
B	24.7	20.3	18.9	32.3	21.1	18.2	23.2	24.2	26.0	22.4	48.2
B-	13.1	8.2	4.2	20.3	11.1	15.4	10.2	5.6	17.4	17.1	19.4
C+	6.9	9.3	1.6	7.4	5.4	4.4	4.8	7.3	7.8	8.3	4.7
C	4.4	2.0	1.7	5.0	6.8	10.5	4.0	2.9	12.4	13.8	3.8
D	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.4	0.4	0.0
Average Undergraduate Grade											
A	6.2	6.7	9.2	3.4	8.4	6.6	9.1	10.6	3.4	3.7	1.4
B+,A-	30.7	30.6	43.6	27.6	31.1	31.9	35.8	27.4	23.6	19.8	46.5
B	34.6	35.5	34.3	32.0	37.1	35.5	35.8	40.2	35.0	35.3	33.3
C+,B-	23.4	23.6	12.1	28.3	20.0	22.8	14.0	19.4	25.5	27.6	12.9
C	4.0	3.1	0.0	6.5	2.8	2.7	4.6	1.9	10.7	12.2	2.0
C- or less	1.1	0.4	0.8	2.1	0.5	0.5	0.7	0.5	1.8	1.4	4.0
Degree Aspirations in 1987											
none	1.6	2.2	2.3	1.2	1.1	1.0	1.6	0.8	1.6	1.1	4.6
vocational certificate	0.3	0.2	0.0	0.0	0.9	1.1	2.2	0.0	3.0	3.4	0.3
associate (AA or equivalent)	0.5	0.0	2.8	0.3	0.6	0.7	0.8	0.5	7.9	8.1	6.3
bachelor's (BA, BS, etc)	33.1	37.6	19.1	37.4	27.6	23.3	32.1	31.3	47.2	47.6	45.2
master's (MA, MS, etc)	39.1	31.3	38.1	43.2	43.1	44.9	37.7	43.5	27.6	26.7	33.4
PhD or EdD	13.1	13.7	18.1	11.3	13.0	13.4	13.6	12.0	7.8	8.4	4.0
MD, DO, DDS, DVM	7.1	10.7	6.2	3.8	7.2	9.6	5.1	5.1	1.5	1.5	1.2
LLB or JD (law)	4.3	3.6	13.0	2.0	5.0	4.8	6.1	4.6	0.9	0.4	4.0
BD or MDiv (divinity)	0.2	0.2	0.0	0.0	0.5	0.4	0.0	0.8	0.0	0.0	0.0
other	0.7	0.5	0.3	0.8	1.1	0.9	0.9	1.5	2.6	2.9	1.0
Highest Degree Earned by 1991											
none	36.5	45.2	14.8	46.7	22.1	26.4	22.5	15.3	35.0	34.0	40.9
vocational certificate	0.5	0.4	0.0	0.6	0.7	0.4	0.0	1.7	3.6	4.1	0.3
associate (AA or equivalent)	6.5	2.2	1.5	14.3	3.1	3.4	4.5	2.0	31.9	30.8	38.4
bachelor's (BA, BS, etc.)	55.7	51.3	83.0	37.4	73.5	69.6	73.1	79.6	29.0	30.7	18.4
master's (MA, MS, etc.)	0.1	0.0	0.4	0.0	0.3	0.0	0.0	0.9	0.0	0.0	0.0
PhD or EdD	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BD or MDiv (divinity)	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other	0.4	0.5	0.3	0.4	0.2	0.1	0.0	0.5	0.5	0.3	2.0
Degree Aspirations in 1991											
none	1.4	0.3	0.8	1.8	2.2	2.2	0.3	3.3	2.6	1.9	6.7
vocational certificate	0.2	0.0	0.0	0.5	0.2	0.4	0.0	0.0	0.7	0.8	0.2
associate (AA or equivalent)	0.9	0.6	0.0	1.0	1.2	0.5	1.7	2.1	13.0	13.1	12.7
bachelor's (BA, BS, etc.)	27.2	32.3	13.7	33.4	17.6	16.3	19.8	18.4	34.8	33.0	45.0
master's (MA, MS, etc.)	45.5	43.3	47.2	43.7	49.6	44.3	49.7	57.4	38.7	40.8	26.2
PhD or EdD	14.6	13.0	19.4	13.4	16.3	19.6	17.0	11.3	6.2	5.9	7.9
MD, DO, DDS, DVM	3.8	4.1	4.9	2.0	5.4	8.7	3.3	1.9	0.8	0.9	0.2
JD or LLB (law)	5.2	4.8	12.8	3.8	5.4	5.8	6.8	4.2	0.6	0.7	0.0
BD or MDiv (divinity)	0.3	0.5	0.2	0.1	0.3	0.1	0.0	0.6	0.4	0.5	0.0
other	1.0	1.2	1.0	0.3	1.6	2.2	1.4	0.8	2.1	2.3	0.9

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Freshman College was Student's											
first choice	65.4	65.2	72.8	59.8	70.7	66.9	70.0	76.4	76.4	79.5	56.7
second choice	26.8	26.9	21.5	33.5	19.5	17.1	23.9	20.4	19.6	17.0	35.9
third choice	5.6	6.2	3.2	5.0	6.3	9.4	5.6	2.3	2.7	2.2	5.9
less than third choice	2.3	1.7	2.5	1.7	3.5	6.6	0.5	0.8	1.3	1.2	1.6
College Experiences Noted Very Satisfactory or Satisfactory (3)											
science and mathematics courses	57.8	50.7	55.2	59.6	63.9	61.7	59.4	69.6	64.5	63.3	72.1
humanities courses	79.7	77.2	89.1	78.5	81.1	78.2	75.9	88.1	69.0	68.2	76.9
social science courses	74.1	77.3	80.3	70.5	73.8	68.7	76.4	79.7	69.2	70.2	60.8
courses in major field	83.0	81.5	85.1	84.4	82.1	85.6	80.0	78.3	79.1	78.8	80.6
relevance of coursework to life	61.0	54.0	63.6	63.0	64.7	63.2	66.2	66.0	56.3	56.7	54.1
overall quality of instruction	76.5	72.5	85.6	73.0	82.5	80.5	81.1	86.3	74.8	73.7	81.5
lab facilities and equipment	62.7	67.7	62.9	61.6	59.1	54.6	55.7	67.1	69.7	69.2	73.2
library facilities	67.2	87.1	61.7	61.8	55.7	55.5	60.8	53.1	76.7	76.9	74.9
computer facilities	68.1	75.3	69.9	64.8	65.0	64.0	66.0	65.8	70.4	72.8	55.7
oppty for interdisciplin courses	60.3	54.7	66.3	57.1	68.0	65.4	67.3	71.8	36.9	38.9	27.3
oppty to talk to professors	75.5	67.4	81.4	73.2	84.4	77.6	85.6	93.2	72.9	69.2	95.7
oppty for extracurr activities	74.9	77.8	82.8	68.2	78.2	75.9	76.1	82.4	63.6	62.3	73.0
campus social life	65.0	70.1	64.5	65.3	59.6	61.6	61.9	55.4	60.1	58.8	69.8
academic tutoring or assistance	62.0	59.3	63.5	55.3	73.2	70.6	68.6	79.2	55.5	54.7	61.6
academic advising	49.8	41.8	44.1	48.1	61.6	56.4	64.9	67.2	47.9	46.5	56.8
career counseling and advising	46.7	44.7	40.8	46.0	51.2	46.4	53.5	56.4	49.9	46.1	71.6
personal counseling	46.1	31.4	53.4	47.6	56.3	55.4	55.6	58.4	41.9	39.7	55.5
student housing	54.9	51.1	66.1	51.0	60.2	56.6	59.6	65.5	49.6	47.0	64.4
financial aid services	43.6	33.8	42.5	40.3	56.2	55.0	53.2	59.4	52.1	53.5	44.5
contact with faculty and admin	60.9	45.1	62.0	55.4	82.7	81.6	78.8	86.5	55.4	54.6	60.1
oppty to attend films,concerts	71.1	68.8	80.8	71.5	70.2	71.5	62.1	72.6	56.2	58.4	40.3
job placement services	42.6	43.5	36.2	45.6	40.1	34.1	41.2	47.7	34.4	34.2	35.1
campus health services	53.9	58.0	40.8	54.1	53.0	53.5	46.8	55.4	47.6	47.7	46.7
class size	73.9	55.0	85.5	73.6	90.1	89.1	90.3	91.4	73.7	70.8	91.8
interaction with other students	79.5	74.9	83.3	76.9	86.2	86.1	85.9	86.5	75.3	77.0	64.7
ability to find faculty/staff	62.9	53.4	67.4	58.0	76.6	74.7	74.6	80.6	57.9	57.2	62.3
diversity of the faculty	59.9	57.9	54.4	57.4	66.6	64.3	62.4	72.0	53.8	54.1	52.1
leadership opportunities	55.4	51.7	65.3	51.0	61.6	54.3	65.0	70.5	47.7	46.4	57.8
overall college experience	75.7	74.6	80.5	71.8	80.7	79.0	80.0	83.5	75.6	75.6	75.6
Enroll at Freshman College Again											
definitely yes	33.1	36.7	38.9	27.1	35.8	34.8	34.7	37.7	39.5	41.0	30.5
probably yes	30.4	32.2	28.8	29.9	29.6	32.1	31.2	25.1	28.9	30.6	18.1
don't know	4.2	3.1	4.4	4.0	5.7	5.3	4.7	6.8	4.8	1.6	24.5
probably not	17.0	15.7	18.0	18.7	15.7	12.9	16.5	19.2	15.7	15.7	15.5
definitely not	15.3	12.3	10.0	20.3	13.3	14.9	12.9	11.2	11.2	11.1	11.5

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Took Time Off, Withdrew or Transferred											
no	61.2	66.6	74.9	53.2	62.4	57.8	70.1	64.8	52.3	56.9	23.7
transferred	24.8	19.4	18.8	30.4	24.6	28.1	18.1	23.1	27.2	26.0	34.8
withdrew	5.7	3.1	2.2	7.3	7.3	8.2	4.4	7.5	13.2	10.1	33.0
leave of absence	8.3	10.9	4.0	9.1	5.7	5.9	7.4	4.6	7.3	7.1	8.6
Reasons Noted as Very Important for Taking Time Off (4)											
reconsider goals and interests	40.8	28.3	29.3	54.8	32.5	34.7	33.7	28.5	42.9	39.9	*53.2*
changed career plans	25.0	18.2	23.4	33.8	17.8	16.6	23.1	17.2	34.8	37.8	*24.4*
wanted practical experience	20.6	7.1	18.3	36.1	9.6	7.8	6.2	14.2	19.4	11.7	*46.2*
didn't "fit in"	28.2	20.7	35.3	37.2	20.5	22.4	23.1	16.1	11.4	14.6	*0.3*
was bored with course work	11.3	10.4	21.2	8.7	14.3	19.5	18.4	3.6	7.6	8.7	*3.9*
wanted better acad reputation	15.0	10.1	14.1	14.0	21.5	21.0	32.5	16.6	14.7	16.4	*8.8*
wanted better social life	17.8	5.1	18.9	21.5	23.8	25.7	7.3	29.0	2.8	3.6	*0.0*
wanted to be closer to home	23.0	19.1	18.2	27.8	19.6	10.7	13.1	37.3	13.5	16.7	*2.7*
had good job offer	4.3	0.5	3.5	7.5	3.0	2.5	3.1	3.6	7.4	7.4	*7.4*
wasn't doing well academically	20.7	21.6	10.0	26.9	11.9	8.7	19.6	13.3	13.3	17.0	*0.4*
family responsibilities	10.3	13.5	9.8	7.8	11.2	11.8	12.4	9.6	15.8	20.3	*0.3*
tired of being student	4.2	6.3	5.7	3.1	3.6	1.2	12.9	2.9	4.9	1.4	*16.8*
couldn't afford college	28.8	35.6	26.2	29.1	22.9	22.5	27.9	21.1	30.4	26.4	*44.4*
wanted wider course selection	25.5	11.9	36.5	25.2	36.1	38.0	39.3	31.3	19.3	18.7	*21.3*
worked on school-related project	1.2	0.7	2.6	1.2	1.3	2.2	0.0	0.6	2.8	3.6	*0.0*
ENROLLMENT STATUS											
First Year											
attended freshman college	98.9	98.8	100.0	99.1	98.4	97.2	98.9	99.7	99.6	99.5	100.0
attended different college	0.6	0.6	0.0	0.9	0.6	0.7	1.1	0.3	0.4	0.5	0.0
not enrolled	0.5	0.6	0.0	0.0	1.0	2.1	0.0	0.0	0.0	0.0	0.0
Second Year											
attended freshman college	77.3	76.1	86.2	71.9	82.7	82.5	89.0	79.8	74.5	80.4	40.7
attended different college	18.5	15.1	12.8	25.2	15.2	15.1	11.0	17.6	20.7	15.3	52.6
not enrolled	4.2	8.8	1.0	2.9	2.0	2.4	0.0	2.6	4.7	4.4	6.7
Third Year											
attended freshman college	66.5	69.8	79.2	58.6	69.3	68.2	73.8	68.3	46.5	52.9	10.6
attended different college	28.2	26.0	17.6	35.9	24.1	24.6	20.1	25.7	36.6	35.3	44.2
not enrolled	5.3	4.2	3.3	5.5	6.6	7.2	6.2	6.0	16.9	11.9	45.2
Fourth Year											
attended freshman college	70.9	78.0	79.5	60.4	74.2	72.2	77.0	75.4	44.6	48.2	13.7
attended different college	24.0	18.8	18.2	32.9	19.8	22.8	16.4	17.5	38.3	35.5	62.6
not enrolled	5.1	3.3	2.3	6.7	6.0	5.0	6.6	7.1	17.1	16.3	23.8

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Student Rated Self Above Average or Highest 10% in 1987											
academic ability	61.3	71.7	80.4	51.9	57.4	56.7	57.9	58.1	34.9	36.2	26.9
artistic ability	24.6	26.1	31.6	21.1	25.8	25.8	25.4	26.0	17.6	14.9	34.3
drive to achieve	66.5	70.7	78.2	64.1	62.2	58.2	64.2	66.6	54.1	52.8	62.3
emotional health	57.4	57.8	63.0	58.6	53.8	52.8	52.4	55.9	41.9	43.2	33.6
foreign language ability	36.5	39.1	46.9	34.2	34.0	33.6	35.4	33.8	23.7	24.6	17.9
leadership ability	50.3	51.4	64.0	47.6	48.8	45.2	47.7	54.6	39.8	38.3	49.3
mathematical ability	37.4	43.0	53.4	31.6	35.0	34.4	37.7	34.3	27.5	27.3	28.4
physical health	54.1	59.8	57.8	55.9	45.1	40.7	53.4	46.7	42.0	43.3	33.8
popularity	42.5	45.8	49.3	44.3	35.0	33.8	43.2	32.0	33.3	29.6	56.4
popularity with opposite sex	38.7	38.4	41.7	39.7	37.0	40.0	37.2	32.6	37.3	34.8	52.5
public speaking ability	28.1	32.6	40.0	21.4	29.1	26.6	36.6	28.2	23.5	22.1	31.8
self-confidence (intellectual)	46.5	53.0	67.5	39.3	43.4	42.1	44.4	44.5	37.1	34.2	55.6
self-confidence (social)	43.4	43.5	51.4	45.4	38.8	35.7	40.2	42.3	35.1	36.6	25.3
writing ability	47.4	48.3	60.2	48.7	41.1	42.0	42.7	38.9	35.3	37.4	22.4
in 1991											
academic ability	71.2	71.5	89.5	66.0	72.6	74.5	72.6	70.1	47.9	48.6	44.0
artistic ability	30.6	27.1	34.4	32.1	31.0	31.4	29.8	31.1	19.4	16.3	38.4
competitiveness	44.2	44.9	51.4	41.2	45.4	50.3	46.6	38.0	40.3	37.3	59.1
drive to achieve	67.9	72.0	81.5	63.1	66.3	67.6	71.7	61.2	56.3	54.5	67.6
emotional health	55.3	51.8	69.2	53.3	57.6	55.6	57.9	60.2	50.3	48.2	63.7
foreign language ability	38.3	34.2	51.8	37.7	39.6	44.2	37.8	34.0	23.1	24.4	14.8
leadership ability	60.1	57.9	72.3	59.9	59.2	54.4	61.3	64.7	45.1	41.7	65.9
mathematical ability	33.7	34.9	44.2	31.8	31.9	29.3	34.9	34.1	28.5	25.5	47.2
physical health	52.0	55.3	57.2	47.5	52.9	51.5	54.5	53.8	47.0	43.9	66.1
popularity	45.5	45.1	59.4	42.8	45.5	45.8	44.1	45.8	40.1	38.0	53.7
popularity with opposite sex	42.5	43.6	54.3	39.5	42.0	43.1	44.3	39.1	46.0	43.2	63.3
public speaking ability	40.5	36.3	46.8	41.5	41.8	37.2	47.3	45.4	33.4	31.4	45.7
self-confidence (intellectual)	59.7	59.9	74.3	53.1	63.8	65.0	63.5	62.3	47.6	44.9	64.3
self-confidence (social)	51.9	53.2	54.7	48.7	54.0	52.3	58.4	53.9	42.6	40.1	58.4
writing ability	61.6	57.3	71.0	63.7	60.5	62.0	60.4	58.6	47.8	49.5	37.1
Students Reporting At Least One Faculty Member Provided (5)											
advice/guidance about educ pgm	94.2	92.8	92.6	93.9	96.7	96.0	97.9	96.9	96.5	97.0	93.0
emotional support/encouragement	79.5	74.6	81.8	74.8	89.8	87.0	91.5	92.7	81.2	80.2	87.2
sponsorship for special programs	55.4	49.0	63.1	47.8	69.4	70.8	60.4	72.4	38.4	37.2	46.0
letter of recommendation for job	77.0	76.8	88.7	68.6	84.8	85.7	82.4	84.7	76.0	75.5	79.5
help cutting through "red tape"	60.8	58.0	61.7	55.1	70.7	69.5	66.4	74.8	53.8	54.7	47.8
tutorial assist in study skills	70.9	64.5	58.9	72.3	79.0	76.8	77.1	83.3	73.9	73.1	78.7
honest feedback about skills	87.0	83.7	89.5	85.2	91.8	90.2	93.5	93.1	85.0	83.9	92.1
intellect challenge/stimulation	91.0	90.0	96.3	88.5	93.7	93.1	94.2	94.3	82.6	81.3	90.4
role model	77.2	74.2	77.6	73.6	84.5	83.2	85.1	85.9	77.4	75.9	86.4

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Events Considered Very Likely to Occur (Reported in 1987)											
be elected to student office	3.3	2.5	5.2	3.2	3.6	4.4	3.4	2.7	2.7	3.0	1.2
be satisfied with college	56.6	58.1	65.9	46.3	65.3	65.1	61.4	67.8	57.2	58.1	51.9
change career choice	16.9	20.0	22.7	13.8	16.1	18.3	13.9	14.2	9.4	10.0	5.4
change major field	17.8	20.4	18.7	17.9	14.8	15.5	14.5	13.9	10.6	10.8	9.7
drop out permanently	0.5	0.2	0.0	0.1	1.3	2.5	0.2	0.1	0.7	0.7	1.0
drop out temporarily	0.5	0.6	0.2	0.2	0.6	0.9	0.5	0.3	0.3	0.0	1.9
get job to pay expenses	38.8	40.8	39.2	35.1	41.3	36.6	52.1	41.9	46.5	45.0	55.6
get married while in college	4.1	3.3	1.2	4.2	5.6	5.8	3.3	6.5	2.7	2.0	6.7
graduate with honors	12.3	13.4	16.7	9.5	13.5	14.4	14.6	11.5	6.5	6.8	5.0
join social frat or sorority	25.6	29.1	32.8	23.0	23.3	21.2	22.9	26.5	15.0	16.7	5.0
make at least "B" average	42.0	42.6	53.7	38.4	42.6	39.7	48.6	43.5	31.4	32.2	26.8
participate in student protests	5.6	7.2	6.5	2.5	7.6	9.4	5.5	6.0	6.5	7.2	2.0
play varsity athletics	13.1	7.5	15.0	14.6	16.1	13.5	16.8	19.4	7.9	7.4	11.1
transfer to another college	9.8	8.0	5.0	11.1	11.4	15.4	5.5	8.8	14.1	13.5	18.0
work at outside job	17.0	19.4	16.1	15.6	16.5	13.2	26.5	15.7	30.7	29.4	38.3
work full-time while attending	1.0	1.3	0.7	0.6	1.3	0.7	1.8	1.9	8.4	4.4	33.0
Events Occurring Since Entering College											
was elected to student office	19.0	16.8	17.9	15.1	26.6	24.2	26.0	30.3	16.7	17.4	12.6
was satisfied w/freshman coll(6)	75.2	73.8	79.8	71.3	80.3	78.5	79.1	83.4	74.8	75.0	73.8
changed career choice (6)	59.3	63.6	60.3	56.9	57.9	60.8	50.1	58.6	56.5	58.5	44.0
changed major field (6)	56.9	58.5	55.9	59.4	52.9	56.8	49.5	49.5	41.2	38.2	61.1
dropped out permanently (6)	5.6	3.0	2.2	7.2	7.2	8.1	4.3	7.4	12.8	9.7	32.2
dropped out temporarily (6)	8.1	10.5	4.0	9.0	5.7	5.8	7.3	4.5	7.0	6.8	8.4
had part-time job off campus	63.7	66.3	61.5	67.9	56.2	53.7	68.5	53.0	62.8	62.2	67.0
had part-time job on campus	47.7	48.0	53.0	39.3	56.7	49.8	62.4	63.5	34.8	34.8	35.0
got married	6.1	5.6	3.8	5.4	8.1	6.6	5.9	11.5	16.0	13.4	31.7
graduated with honors	15.8	13.4	20.4	13.5	20.0	18.7	24.1	19.4	12.2	12.7	9.1
in intercollegiate sports	20.7	14.9	23.6	18.4	28.7	29.3	25.8	29.4	18.0	17.9	18.7
joined a fraternity or sorority	25.5	32.2	38.2	19.0	23.7	21.4	9.5	35.0	9.9	11.0	3.1
made at least "B" average (6)	71.5	72.9	87.1	63.1	76.7	74.0	80.7	78.2	62.0	58.8	81.1
participated in student protests	18.0	19.5	24.0	12.7	21.7	23.3	21.9	19.2	9.0	10.0	2.7
transferred before graduating(6)	24.3	18.8	18.6	30.0	24.3	27.9	17.8	22.8	26.3	25.1	34.0
worked full-time while student	12.7	17.1	7.9	14.1	7.9	7.4	12.4	6.1	20.2	17.9	34.5
Other College Activities											
actively involved in student org	47.8	45.9	58.7	42.1	54.2	49.5	53.0	61.6	27.4	27.6	26.6
attd racial/cultural workshop	24.7	25.8	29.4	20.5	27.5	26.7	28.1	28.3	11.3	11.8	7.8
enrolled in ethnic std course	26.5	24.1	32.5	26.8	26.9	26.7	23.1	29.2	9.5	9.5	9.7
enrolled in honors program	27.3	26.7	40.1	21.4	32.0	35.5	29.2	28.6	21.2	18.4	38.6
enrolled in women's std course	23.7	25.6	24.7	21.5	24.3	28.3	23.4	19.1	9.5	10.6	2.4
faculty took interest in me	56.2	46.2	67.8	52.9	67.4	64.6	69.1	70.4	38.6	39.3	34.3
in college internship program	29.7	28.2	39.3	24.0	36.1	35.2	43.7	33.0	19.9	20.4	17.3
in social/ethnic student org	10.9	10.5	14.6	9.4	12.3	11.9	16.4	10.4	3.8	3.9	3.2
in study abroad program	10.2	7.7	19.9	3.1	19.1	20.5	12.5	20.7	1.5	1.7	0.6
participated in leadership class	19.4	21.0	14.6	17.6	21.2	18.6	21.0	25.1	12.5	13.5	6.3
participated in ROTC	3.1	7.3	1.5	1.8	0.8	0.8	0.7	1.0	1.2	1.3	0.8
served as residence advisor/asst	6.4	4.2	7.6	6.0	8.8	9.0	7.9	8.9	2.7	2.4	4.7
took remedial/develop class	8.8	7.3	3.3	11.6	8.1	7.9	14.2	4.8	13.7	14.5	8.4
worked on prof's research proj	13.5	15.9	21.5	9.6	14.0	15.5	12.3	12.7	8.2	9.1	2.4

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Activities in the Last Year											
Reported in 1987											
attended a religious service	87.4	87.6	85.2	86.3	89.4	88.0	91.8	90.0	79.3	80.6	71.0
attended recital or concert	86.2	85.1	89.0	86.6	86.1	88.7	85.9	82.3	77.6	80.1	61.9
did extra work for class (7)	13.1	13.8	16.1	12.0	13.2	13.8	14.6	11.5	11.5	11.8	10.1
didn't complete homework on time	69.3	63.2	70.0	73.5	69.8	71.6	63.8	70.6	57.1	56.9	57.8
drank beer	62.9	65.7	65.6	66.1	55.2	55.0	63.2	51.0	58.6	62.1	37.0
drank wine or liquor	73.7	74.3	76.9	76.4	68.7	70.3	75.6	62.5	67.4	69.3	55.3
felt depressed (7)	10.3	9.0	13.0	10.8	10.1	9.8	8.5	11.5	14.0	14.4	12.1
felt overwhelmed (7)	22.9	24.7	28.9	19.3	24.2	23.4	22.7	26.1	17.2	16.7	20.2
missed school due to illness (7)	7.3	6.2	6.2	7.0	9.3	13.4	5.2	5.6	7.2	7.5	5.4
overslept and missed class/appt	32.7	31.3	26.2	36.7	30.7	38.5	24.9	22.9	31.2	32.6	22.9
smoked cigarettes (7)	10.3	5.0	4.7	16.6	9.2	13.2	7.1	4.8	15.0	16.7	5.0
stayed up all night	79.8	82.7	74.4	80.6	77.4	79.8	76.7	74.3	72.8	71.7	80.3
studied with other students	91.9	93.6	91.0	91.7	90.7	89.7	89.0	93.1	83.8	82.4	95.0
tutored another student	49.8	54.2	63.2	44.5	48.7	46.5	53.6	49.1	37.5	38.8	29.7
used a personal computer (7)	22.2	20.9	30.0	20.3	23.8	25.6	23.4	21.4	24.0	25.9	12.1
was bored in class (7)	29.0	26.8	34.1	28.5	30.6	29.4	26.6	34.7	22.8	21.6	30.3
Reported in 1991											
attended a religious service	77.0	73.4	73.9	79.9	77.8	75.9	83.7	77.3	76.5	73.7	93.9
attended recital or concert	81.2	79.0	87.1	81.6	81.2	80.3	79.8	83.2	69.7	68.7	75.8
been guest in professor's home	29.0	21.6	34.8	17.9	49.1	46.7	36.3	59.6	15.8	15.3	19.7
been lonely or homesick	67.3	69.7	67.0	67.3	64.9	59.6	63.6	73.0	69.1	66.8	83.5
did extra work for class (7)	6.9	6.2	3.8	6.4	9.2	12.8	6.3	5.8	6.2	6.9	1.4
didn't complete homework on time	52.9	44.0	57.3	61.2	50.0	50.3	53.6	47.5	38.4	35.2	61.0
discussed course w/students (7)	71.7	71.6	78.1	69.6	72.9	75.4	73.4	69.0	55.3	53.7	65.9
drank beer	73.8	76.0	69.7	77.3	68.1	70.9	77.1	59.1	66.7	69.5	49.5
drank wine or liquor	84.1	83.4	90.5	85.6	81.2	81.6	86.9	77.5	77.1	79.9	59.3
felt depressed (7)	8.0	7.7	10.3	7.5	8.4	9.0	9.0	7.4	12.2	13.5	4.4
felt like leaving college	41.3	35.7	33.1	51.1	36.6	35.2	41.7	35.6	45.2	43.7	56.0
felt overwhelmed (7)	34.9	35.0	35.7	33.2	36.8	36.7	30.2	40.6	30.9	29.7	38.3
in anti-war demonstration	8.9	8.1	12.2	8.2	9.7	9.8	10.3	9.2	5.7	6.4	0.7
missed class due to illness (7)	6.6	3.2	2.3	9.8	7.1	9.8	4.3	4.9	6.7	7.4	1.7
overslept and missed class/appt	51.9	48.0	47.9	57.4	49.8	51.4	47.6	48.8	38.3	39.6	29.4
participated in demonstration	20.0	19.7	22.4	17.3	23.1	25.2	22.0	20.7	15.5	15.0	18.9
participated in intramural sport	32.1	30.6	38.3	27.4	38.0	32.2	44.5	42.5	25.9	22.7	48.0
performed volunteer work	64.7	64.7	65.2	61.1	69.3	65.9	65.6	76.1	47.9	46.3	57.7
received personal counseling	14.9	11.9	15.6	10.9	23.0	24.9	21.9	21.0	7.2	6.6	10.9
received voc/career counseling	56.9	56.2	58.0	53.0	62.5	61.7	62.2	63.9	44.3	45.7	35.7
smoked cigarettes (7)	12.8	7.0	6.4	19.3	12.2	14.9	11.4	8.6	16.3	16.4	15.8
stayed up all night	66.2	65.6	62.3	69.2	63.8	66.6	64.0	59.7	55.6	57.6	42.9
studied in the library (7)	31.5	36.4	32.5	28.3	30.4	31.1	34.5	27.0	25.9	27.9	12.6
studied with other students	89.9	89.7	91.6	92.8	86.0	81.7	92.9	88.3	80.2	79.6	84.2
took interdisciplinary course	48.6	46.1	63.0	41.4	56.3	57.6	58.7	53.0	25.5	26.2	21.0
tutored another student	43.6	40.2	46.9	41.0	49.5	47.8	60.6	45.7	40.9	38.9	55.1
used a personal computer (7)	56.8	56.1	73.3	49.2	62.7	64.2	64.1	59.9	48.3	47.1	56.0
was bored in class (7)	23.2	23.9	24.6	26.9	17.4	18.4	16.8	16.2	14.7	15.4	9.6
worked on grp projects in class	88.9	88.3	86.5	92.1	86.1	84.2	91.6	85.6	80.4	79.7	85.1
worked on ind research project	53.3	46.2	59.4	50.5	62.5	66.7	64.8	55.3	42.3	42.8	39.3

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RESIDENCE PATTERNS											
Preferred for Fall 1987											
with parents or relatives	9.3	7.7	4.7	12.2	8.9	6.7	14.2	9.0	28.7	29.2	24.4
other private home,apt,room	24.3	23.1	17.5	26.8	24.5	30.8	18.4	19.1	36.8	37.8	29.4
college dormitory	48.3	40.8	65.1	48.0	51.1	49.6	49.5	54.0	26.6	25.3	36.0
fraternity or sorority house	8.5	13.4	5.6	6.1	7.3	3.8	7.5	12.1	2.1	2.1	1.9
other campus housing	8.7	14.0	6.2	6.2	7.0	8.8	9.5	3.2	5.0	4.5	8.4
other	0.9	0.9	0.9	0.7	1.2	0.4	0.9	2.7	0.9	1.1	0.0
Planned for Fall 1987											
with parents or relatives	13.8	13.0	10.4	17.7	10.7	8.7	21.7	7.2	56.8	58.6	45.9
other private home,apt,room	2.3	4.0	0.0	2.3	1.1	1.4	1.7	0.3	10.6	11.7	3.6
college dormitory	79.8	73.5	87.6	78.0	86.5	86.6	75.5	92.4	29.3	26.0	49.9
fraternity or sorority house	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other campus housing	4.0	9.4	2.0	1.8	1.7	3.2	1.1	0.0	2.5	2.8	0.7
other	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.8	0.0
First Year											
with parents or relatives	13.8	12.2	13.5	17.3	10.9	9.0	21.6	7.8	56.4	58.3	45.0
other private home,apt,room	3.6	9.5	0.0	2.2	0.4	0.1	1.2	0.2	10.9	11.9	4.6
college dormitory	80.7	76.5	84.0	80.0	85.0	87.3	76.5	86.4	28.7	25.4	49.5
frat or sorority house	0.6	0.3	0.3	0.2	1.7	0.0	0.0	5.1	0.0	0.0	0.0
other campus student housing	1.0	0.9	2.2	0.4	1.7	2.9	0.7	0.5	3.2	3.6	0.9
other	0.3	0.6	0.0	0.0	0.3	0.7	0.0	0.0	0.8	0.9	0.0
Second Year											
with parents or relatives	17.2	14.6	11.6	23.2	13.8	11.9	21.2	12.4	54.1	53.4	57.9
other private home,apt,room	18.9	25.4	16.5	21.5	9.2	9.0	9.2	9.5	17.6	19.9	3.5
college dormitory	56.4	52.5	64.3	50.6	65.9	66.4	61.7	67.5	25.5	23.6	36.9
frat or sorority house	2.8	4.9	2.3	0.8	3.1	2.9	0.0	5.3	0.0	0.0	0.0
other campus student housing	3.8	2.0	4.8	3.1	6.3	6.6	7.8	5.0	1.8	1.8	1.7
other	1.0	0.7	0.5	0.8	1.7	3.3	0.1	0.2	1.0	1.2	0.0
Third Year											
with parents or relatives	21.5	22.9	10.2	25.9	17.4	16.3	23.1	15.7	26.3	23.4	51.0
other private home,apt,room	36.3	44.7	37.5	39.7	22.1	25.2	17.5	20.5	38.0	40.7	14.8
college dormitory	29.1	18.5	35.3	24.5	45.2	43.8	41.4	49.3	23.8	24.1	20.7
frat or sorority house	5.3	9.8	7.1	2.5	3.3	3.3	0.4	5.0	1.1	1.2	0.0
other campus student housing	6.5	3.1	8.6	6.3	10.0	8.1	16.2	9.0	6.3	5.7	11.3
other	1.4	1.0	1.3	1.2	2.0	3.4	1.4	0.5	4.5	4.8	2.1
Fourth Year											
with parents or relatives	21.4	16.1	11.5	32.5	16.2	14.1	24.7	14.1	25.0	23.4	*30.0*
other private home,apt,room	44.6	62.5	45.9	38.7	32.3	36.0	26.5	30.5	47.6	50.0	*28.0*
college dormitory	19.2	8.4	25.1	17.1	32.0	31.7	27.6	35.1	17.2	17.1	*18.0*
frat or sorority house	5.5	8.2	6.3	3.5	4.7	4.6	0.0	7.8	1.0	1.1	*0.0*
other campus student housing	7.8	3.7	10.5	6.6	12.9	10.8	20.4	11.4	5.9	4.9	*13.7*
other	1.5	1.1	0.8	1.7	1.9	2.8	0.8	1.2	3.3	3.5	*2.3*

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Objectives Noted as Essential or Very Important in 1987											
achieve in a performing art	13.9	12.0	18.3	11.3	17.8	17.7	18.5	17.5	12.8	8.7	37.9
be involved in environ cleanup	14.2	15.5	12.2	12.7	15.2	19.7	11.7	10.8	11.7	12.6	6.3
be successful in own business	49.8	52.0	41.0	52.5	47.0	50.6	44.1	43.4	39.8	36.7	58.4
be very well off financially	73.2	71.5	65.1	81.2	67.2	68.7	68.3	64.3	81.3	83.3	69.4
become authority in my own field	79.2	84.1	81.4	76.6	77.0	79.9	77.9	72.2	68.0	66.9	74.8
create artistic work	14.0	12.4	12.2	13.1	17.3	19.9	11.8	16.5	11.7	9.0	27.7
develop philosophy of life	43.9	50.9	44.4	38.7	43.1	46.3	40.5	40.0	29.3	29.5	28.2
have admin responsibility	40.8	42.8	40.4	39.5	40.5	41.0	43.9	37.9	45.1	46.9	34.4
help others in difficulty	67.8	68.4	66.8	65.3	70.6	68.3	70.0	74.1	63.8	62.8	69.7
influence political structure	16.8	14.4	20.4	19.5	14.8	19.0	12.7	9.8	7.5	8.3	2.7
influence social values	45.1	46.1	44.1	46.3	42.8	41.7	41.4	45.1	29.4	30.5	23.0
obtain recog from colleagues	60.9	66.3	63.6	57.9	58.5	64.1	63.6	47.5	57.5	56.6	63.0
participate in community action	23.0	25.0	22.7	18.5	26.6	29.6	20.8	25.6	17.2	17.5	14.9
promote racial understanding	36.6	39.9	35.2	35.0	35.6	39.2	28.8	34.1	24.4	25.2	19.8
theoretical contrib to science	9.2	14.4	9.6	6.7	7.3	8.2	8.5	5.5	7.7	8.8	0.9
write original works	12.7	11.7	16.7	11.5	14.0	15.6	14.0	11.9	10.9	12.0	4.4
in 1991											
achieve in a performing art	9.0	5.7	10.8	10.8	9.4	10.9	11.4	6.2	4.4	3.4	10.6
be involved in environ cleanup	39.6	34.5	41.4	42.5	40.3	42.6	44.2	34.9	34.6	37.4	17.8
be successful in own business	30.9	23.6	34.8	36.0	30.4	31.8	34.2	26.3	29.6	27.8	40.6
be very well off financially	56.6	52.4	50.6	65.1	51.3	55.8	54.6	43.1	64.2	62.3	75.9
become authority in my own field	68.9	69.0	69.9	69.9	67.3	69.0	73.1	61.7	62.5	60.4	75.1
create artistic work	15.8	10.8	15.2	17.7	18.5	17.7	16.1	20.9	9.8	6.9	28.3
develop philosophy of life	51.4	46.2	56.4	51.9	54.8	58.3	55.8	49.2	40.3	42.8	24.4
have admin responsibility	39.8	35.8	44.6	42.5	39.1	43.4	41.1	32.0	42.9	43.0	42.7
help others in difficulty	73.4	72.0	65.9	76.1	73.3	71.3	78.7	73.1	63.9	66.0	50.5
influence political structure	18.9	15.6	20.4	22.7	17.1	20.2	17.8	12.3	12.0	13.3	3.6
influence social values	48.2	41.1	47.1	51.0	51.9	53.0	57.3	47.2	37.3	38.3	30.8
keep up to date with politics	44.2	40.0	49.6	41.0	51.1	56.1	47.4	46.2	32.0	34.6	15.6
obtain recog from colleagues	60.0	61.6	61.0	63.9	53.0	55.8	64.5	42.4	47.8	43.9	72.5
participate in community action	30.8	26.9	28.7	30.7	35.5	37.7	36.4	32.0	20.4	21.4	14.4
promote racial understanding	40.8	34.6	40.3	44.2	42.8	43.8	44.3	40.6	32.9	35.5	16.9
raise a family	71.2	64.2	69.4	75.6	72.9	72.3	74.2	73.0	74.8	77.0	61.2
theoretical contrib to science	9.1	8.4	8.8	11.3	7.1	8.0	8.5	5.0	6.9	7.2	5.2
write original works	17.5	13.2	19.2	20.2	17.8	21.7	17.8	12.4	12.2	13.1	6.9
Diversity-Related Activities Reported in the Past Year											
dated one of diff eth grp (7)	5.5	6.1	11.3	4.3	5.0	6.0	7.5	2.1	9.8	11.0	2.7
dined w/diff race/eth grp (7)	27.1	31.9	41.4	17.7	30.4	30.1	37.0	27.2	24.1	23.8	26.3
excluded because of ethnicity	8.9	10.8	12.4	7.7	7.4	7.7	10.5	5.3	6.8	7.8	0.5
had roommate of diff ethnic grp	28.1	35.6	40.1	22.2	24.7	24.6	27.3	23.4	23.4	24.7	15.5
heard faculty make inapp remarks	25.2	21.8	22.4	33.5	18.7	16.0	19.4	22.2	20.1	21.9	9.4
insulted/threatened for ethnicty	11.4	11.8	9.2	14.7	7.2	7.2	10.3	5.5	7.0	7.7	2.4
pressed not to soc w/oth eth grp	12.7	15.0	15.7	12.2	10.3	9.5	10.0	11.5	11.6	12.5	5.4
socialized w/diff ethnic grp (7)	44.4	42.4	55.0	41.8	47.1	43.7	54.3	47.9	42.7	44.1	34.0
studied w/diff race/eth grp	69.5	73.4	80.0	62.8	71.3	68.1	79.4	71.3	66.2	67.9	55.6

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Political Orientation in 1987											
far left	1.2	0.6	1.0	1.2	1.8	2.4	2.4	0.8	1.0	1.2	0.0
liberal	21.0	20.9	23.2	18.1	24.1	29.7	22.5	17.1	16.8	16.8	16.8
middle of the road	60.2	62.5	59.4	62.7	55.1	48.5	58.2	62.7	65.7	70.3	35.2
conservative	16.9	15.3	15.9	17.3	18.3	19.2	16.5	18.2	16.6	11.8	48.0
far right	0.7	0.9	0.5	0.7	0.6	0.2	0.3	1.2	0.0	0.0	0.0
in 1991											
far left	2.1	0.8	2.4	2.5	2.8	4.1	2.0	1.4	0.0	0.0	0.0
liberal	26.2	26.1	36.1	22.8	27.9	27.7	27.4	28.6	24.7	25.5	19.8
middle of road	50.7	49.5	37.9	59.5	44.2	45.5	48.6	39.8	50.4	49.1	58.9
conservative	21.0	23.6	23.5	15.3	24.9	22.7	21.9	29.7	24.5	25.0	21.3
far right	0.1	0.0	0.2	0.0	0.2	0.0	0.0	0.5	0.3	0.4	0.0
Agrees Strongly or Somewhat in 1987											
abolish death penalty	25.2	23.3	27.5	24.7	26.9	27.7	31.5	23.2	19.7	19.5	20.5
abortion should be legalized	62.1	64.5	62.9	67.0	53.4	58.4	40.0	53.8	56.2	58.8	39.8
busing OK to achieve balance	57.5	56.7	51.6	61.1	55.5	53.8	61.0	54.8	62.0	61.8	63.7
college increases earning power	62.1	62.2	46.9	69.0	57.8	57.5	54.8	60.1	73.2	72.1	80.1
govt not controlling pollution	82.0	78.4	89.0	81.4	84.3	85.2	81.6	84.5	83.7	83.8	83.0
govt not promoting disarmament	77.1	81.8	79.2	72.2	77.8	74.5	81.3	80.3	80.2	78.5	90.4
govt not protecting consumer	67.0	68.2	64.7	65.5	68.3	64.3	70.6	72.7	69.8	67.6	82.9
increase fed military spending	19.4	18.8	14.8	23.5	16.1	14.2	12.7	20.7	19.8	16.8	38.3
live together before marriage	50.6	56.3	44.5	56.3	39.8	47.8	30.9	33.4	50.8	50.8	51.0
marijuana should be legalized	16.1	12.4	18.3	21.0	13.3	16.9	10.0	10.1	15.3	16.3	9.1
married women best at home	19.0	16.5	12.2	20.9	21.0	24.8	13.7	19.7	19.9	18.0	32.0
nuclear disarmanent attainable	56.1	55.7	58.5	55.9	56.2	53.0	56.6	60.3	54.7	55.0	52.2
prohibit homosexual relations	41.6	37.3	26.3	45.1	45.6	42.3	41.1	52.8	53.6	49.5	79.1
raise taxes to reduce deficit	21.9	20.6	24.7	18.6	26.5	30.3	19.6	25.2	18.3	19.2	13.1
too much concern for criminals	68.8	72.4	71.3	69.6	63.6	63.6	65.8	62.2	65.1	68.1	45.9
in 1991											
abolish death penalty	24.5	20.2	34.0	20.6	31.1	29.9	38.0	28.8	15.8	17.3	6.4
abortion should be legal	78.3	83.3	78.6	79.4	71.6	78.7	61.0	67.3	64.4	67.9	41.6
busing OK to achieve balance	49.2	50.6	48.3	44.0	54.6	53.3	57.3	55.0	48.4	50.2	36.9
college increases earning power	41.4	33.7	26.5	53.4	37.7	42.7	35.4	31.8	54.5	52.2	69.1
govt not controlling pollution	87.5	84.2	89.3	87.4	90.4	92.6	87.5	88.9	87.0	87.5	84.5
govt not promoting disarmament	72.1	65.7	68.7	75.9	74.5	75.6	75.1	72.6	65.6	64.6	71.9
govt not protecting consumer	69.2	63.7	58.7	72.4	73.4	74.4	72.0	72.7	66.0	64.4	76.3
increase fed military spending	10.4	11.7	5.5	12.0	8.5	8.7	9.5	7.7	11.0	11.3	9.1
live together before marriage	48.6	56.3	51.2	45.5	44.2	55.0	38.3	32.0	55.6	55.6	55.2
marijuana should be legalized	25.1	24.2	25.4	26.9	23.7	28.8	19.3	19.0	16.9	17.4	14.0
married women best at home	10.0	7.4	4.2	12.7	10.6	8.4	7.3	15.7	11.8	12.0	10.7
nuclear disarmament attainable	59.7	50.9	56.9	63.1	65.0	64.1	70.4	63.3	63.4	63.5	62.3
only volunteers in armed forces	49.5	50.4	48.2	50.2	48.1	52.6	36.1	48.3	49.7	47.6	64.0
prohibit homosexual relationship	19.7	11.7	10.1	25.8	22.6	21.7	14.2	28.6	30.6	26.7	55.4
raise taxes to reduce deficit	27.3	27.1	29.3	24.4	30.6	31.1	22.3	34.6	16.5	17.2	12.1
too much concern for criminals	62.5	58.3	54.0	69.5	59.9	59.1	51.2	66.1	67.5	66.8	71.9

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	51.2	48.1	56.2	50.7	53.5	55.4	60.5	46.8	39.4	41.0	28.9
problem-solving skills	26.8	25.2	33.5	24.1	29.8	31.1	37.1	24.0	19.9	20.1	19.1
knowledge of particular field	63.2	66.9	71.9	56.5	65.9	63.3	72.0	66.2	57.4	56.8	61.5
critical thinking ability	34.0	28.4	38.8	34.9	37.0	36.6	43.0	34.2	23.2	23.4	21.6
foreign language ability	9.0	8.3	16.9	7.5	9.3	8.6	8.7	10.7	6.7	7.4	2.8
job-related skills	35.5	37.4	42.2	33.4	34.5	28.9	38.6	40.3	39.6	36.7	57.4
religious beliefs & convictions	11.9	6.4	11.3	14.0	15.0	13.1	12.9	18.8	8.0	7.5	11.0
preparation for grad/prof school	24.0	21.5	29.1	25.3	23.6	22.2	25.9	24.4	13.7	13.4	15.1
leadership abilities	22.6	19.3	21.0	25.1	23.1	20.9	26.7	24.3	14.9	11.7	35.2
ability to work independently	36.5	31.5	39.3	38.9	37.6	38.2	39.4	35.8	34.6	31.4	54.2
interpersonal skills	30.6	29.8	34.1	26.6	35.7	36.7	33.2	35.8	28.2	29.6	19.9
cultural awareness	35.7	29.1	42.7	35.6	40.5	41.7	36.5	40.9	25.1	26.3	17.7
tolerance of different beliefs	27.6	24.7	29.5	25.3	32.8	27.3	33.5	40.3	19.5	20.2	15.0
acceptance of dif races/cultures	28.3	23.6	26.4	31.5	29.5	23.5	30.5	37.7	24.1	25.3	16.7
confidence in academic abilities	26.3	17.4	33.7	31.0	27.3	28.2	29.8	24.5	19.6	20.4	14.5
writing skills	24.0	17.4	25.7	27.3	25.9	27.6	27.2	22.8	17.5	19.3	6.1
public speaking ability	23.0	22.1	11.6	28.3	20.1	18.7	23.9	19.8	16.1	17.4	7.9
competitiveness	15.0	16.0	9.5	18.7	10.6	10.6	14.0	8.7	8.5	8.7	7.2
ability to work cooperatively	20.2	20.4	15.0	23.6	16.9	15.2	23.9	15.5	23.4	22.0	32.0
mathematical ability	6.5	6.2	5.0	7.9	5.4	4.6	9.1	4.5	8.4	9.0	4.8
reading speed and comprehension	14.9	10.3	12.5	20.0	13.6	14.1	17.4	10.8	10.2	10.3	9.5
ability to influence others	15.6	9.7	15.6	17.7	18.8	22.3	18.1	14.0	13.1	14.2	6.3
Miles from College to Home											
5 or less	3.6	4.0	2.3	2.8	4.6	4.2	7.5	3.4	9.4	10.3	3.6
6 to 10	5.6	5.3	5.9	7.3	3.6	2.6	8.6	2.2	25.2	24.6	28.7
11 to 50	21.8	18.2	18.4	28.1	18.3	16.9	25.9	16.0	36.1	36.7	32.9
51 to 100	17.0	17.4	8.2	21.0	13.8	11.0	17.7	15.4	10.7	10.9	9.7
101 to 500	38.0	44.5	34.1	31.8	40.6	40.2	30.0	47.1	15.7	15.6	16.3
more than 500	14.0	10.6	31.2	8.9	19.2	25.0	10.3	16.0	2.9	2.0	8.7

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987) (5)											
None											
socializing with friends	0.1	0.0	0.0	0.0	0.2	0.3	0.3	0.0	2.1	2.4	0.0
exercising or sports	4.2	3.5	3.9	3.4	5.9	8.5	3.1	3.9	5.0	5.1	4.3
partying	11.9	10.2	11.6	9.0	17.3	17.3	13.2	19.6	14.6	15.5	8.7
working (for pay)	25.1	23.9	34.3	17.3	33.1	37.7	24.9	31.0	26.8	28.3	17.8
student clubs and groups	19.8	16.8	14.8	25.4	17.1	21.5	14.2	12.4	25.6	21.9	48.1
watching TV	5.9	4.4	6.5	7.0	6.0	7.6	6.5	3.3	4.8	5.3	1.3
hobbies	11.9	12.3	8.7	12.2	12.1	15.3	7.7	10.0	15.9	17.2	7.9
studying or doing homework	0.3	0.2	0.0	0.4	0.3	0.4	0.4	0.2	0.5	0.6	0.0
talking w/teacher outside class	3.7	2.3	1.9	5.9	2.8	3.5	2.3	2.1	6.8	7.3	3.4
Six or More Hours											
socializing with friends	83.5	83.4	84.8	85.6	80.5	78.7	83.4	81.4	77.7	77.0	82.3
exercising or sports	42.7	46.5	40.4	43.0	39.4	39.1	46.1	36.0	38.7	35.7	57.6
partying	37.3	31.8	32.7	45.6	33.8	34.8	35.6	31.3	29.6	30.2	26.1
working (for pay)	65.4	67.4	56.5	72.8	56.8	52.3	66.2	58.1	63.1	63.0	63.7
student clubs and groups	19.7	22.6	27.2	13.5	22.2	22.0	19.1	24.2	18.2	20.1	6.2
watching TV	24.8	27.6	19.2	25.9	22.1	22.0	24.2	21.2	28.8	29.5	24.2
hobbies	24.1	17.4	24.1	32.2	20.9	19.5	22.8	21.8	24.4	21.7	40.9
studying or doing homework	52.6	59.8	68.3	40.2	56.3	60.8	54.5	50.9	45.8	49.4	23.2
talking w/teacher outside class	5.8	5.2	7.2	4.2	8.2	10.0	10.2	4.4	11.9	8.4	33.3
Sixteen or More Hours											
socializing with friends	37.2	37.0	36.8	39.0	35.2	34.2	36.6	35.8	34.4	36.3	22.9
exercising or sports	10.2	9.5	10.1	12.3	8.4	7.1	13.2	7.5	10.9	10.1	15.6
partying	8.7	3.2	6.0	13.9	8.5	9.1	8.0	8.1	8.4	7.9	11.4
working (for pay)	34.8	34.2	22.2	39.0	33.7	30.2	40.0	35.0	41.3	39.3	53.3
student clubs and groups	4.1	6.4	4.7	2.5	3.6	3.5	3.6	3.8	2.7	2.8	2.3
watching TV	3.8	3.2	2.7	4.4	4.0	4.1	5.2	3.1	6.5	6.9	4.1
hobbies	3.5	2.8	2.6	4.2	3.7	4.4	4.1	2.4	5.7	5.9	4.2
studying or doing homework	10.5	10.7	18.5	5.4	14.1	18.4	11.7	9.4	6.4	7.0	2.7
talking w/teacher outside class	1.1	1.1	0.6	0.8	1.8	2.9	1.9	0.1	3.2	3.6	0.8

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ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (5)											
None											
socializing with friends	0.6	0.5	0.0	0.4	1.0	2.0	0.0	0.2	1.8	2.1	0.0
exercising or sports	4.7	4.7	3.4	5.5	3.9	5.0	3.7	2.5	3.9	4.4	1.0
reading for pleasure	16.3	19.8	10.6	15.4	15.5	15.2	12.9	17.3	15.6	16.5	10.2
using a personal computer	14.5	14.7	6.8	17.3	12.6	11.7	10.7	14.8	20.8	22.3	11.7
partying	13.3	12.6	11.2	10.9	17.7	17.6	12.9	20.4	21.1	18.6	36.2
working (for pay)	17.6	18.2	23.2	16.3	17.1	21.2	10.7	15.1	22.3	23.5	15.0
clubs and groups	31.4	30.9	20.8	36.4	28.1	31.6	24.4	25.2	50.1	49.1	56.7
watching TV	5.4	5.7	10.4	2.8	7.3	9.3	4.6	6.1	0.7	0.6	1.3
commuting	37.3	35.3	41.1	34.0	42.7	40.7	36.2	49.1	28.4	30.5	15.5
religious services or meetings	37.6	43.9	43.3	37.3	29.8	35.0	21.0	27.4	33.6	37.0	12.2
hobbies	22.9	28.8	20.0	20.5	20.8	21.6	18.3	21.0	18.9	21.1	5.3
classes and labs	5.1	2.5	2.1	5.9	7.4	8.3	4.8	7.7	23.2	25.1	11.3
studying or homework	4.7	2.6	1.6	5.7	6.3	7.2	3.1	6.7	18.1	19.3	10.6
talking w/faculty outside class	14.1	15.7	9.4	16.3	10.7	11.5	11.5	9.3	38.4	37.9	41.3
Six or More											
socializing with friends	77.5	74.6	83.3	77.7	78.6	79.4	78.8	77.4	65.4	67.0	55.1
exercising or sports	27.3	28.2	32.9	24.1	28.9	25.0	34.7	31.3	25.4	24.2	33.0
reading for pleasure	12.5	8.0	11.5	16.5	12.1	11.5	13.7	12.0	17.7	19.1	8.8
using a personal computer	28.8	24.4	38.2	27.1	32.8	38.5	38.3	21.7	32.1	30.1	44.6
partying	34.3	29.0	39.3	38.9	32.4	33.0	37.3	28.8	26.9	28.1	19.0
working (for pay)	73.2	73.5	61.9	78.0	69.8	67.6	78.5	68.1	69.7	68.4	77.8
clubs and groups	15.0	18.5	20.3	11.6	14.5	15.6	15.2	12.6	7.9	6.6	16.2
watching TV	33.5	37.4	27.2	35.7	28.6	30.4	33.0	23.6	49.1	47.4	60.4
commuting	16.5	12.6	8.4	22.7	14.6	14.7	21.7	10.6	20.5	17.5	38.8
religious services or meetings	3.4	1.4	0.9	5.6	3.3	3.3	1.1	4.6	2.7	2.7	2.7
hobbies	9.0	7.5	6.5	11.0	8.8	11.8	8.9	4.4	8.0	8.3	6.4
classes and labs	89.2	91.6	94.3	87.0	88.3	87.9	89.9	88.1	67.8	70.0	54.0
studying and homework	75.0	79.9	83.2	66.7	78.4	76.6	84.0	77.7	58.0	60.3	44.0
talking w/faculty outside class	2.4	1.0	0.6	1.7	5.3	8.7	2.7	2.0	2.5	1.8	6.7
Sixteen or More											
socializing with friends	33.5	26.6	35.4	35.7	37.4	35.2	41.2	38.4	25.4	25.4	25.3
exercising/sports	5.9	9.0	6.3	4.2	4.9	4.3	8.0	4.0	2.5	2.3	4.1
reading for pleasure	1.4	2.6	1.4	0.2	1.9	3.1	0.7	1.0	2.7	3.0	0.7
using a personal computer	10.1	5.7	7.1	12.8	11.9	16.6	11.4	5.5	17.3	14.9	31.8
partying	7.9	5.4	4.0	11.1	7.3	6.3	7.7	8.3	3.0	2.6	5.7
working (for pay)	43.8	47.1	29.8	49.9	36.3	33.4	45.0	35.5	53.2	50.9	67.5
clubs/groups	2.7	4.0	2.9	1.9	2.4	2.7	2.9	1.8	1.1	1.2	0.0
watching TV	5.7	6.5	3.6	6.7	4.2	4.7	5.6	2.6	8.9	8.8	9.4
commuting	3.0	1.5	0.2	4.4	3.6	4.2	5.6	1.7	3.1	3.0	3.4
religious services/meetings	0.5	0.4	0.0	0.9	0.1	0.1	0.4	0.0	0.0	0.0	0.2
hobbies	1.5	0.4	0.4	1.2	3.2	6.1	0.7	0.5	1.7	2.0	0.0
classes/labs	42.0	42.9	36.1	40.2	45.0	47.5	45.0	41.6	32.5	34.5	20.0
studying/homework	28.5	31.4	36.1	22.9	30.7	29.9	29.9	32.2	21.4	22.9	11.9
talking w/faculty outside class	0.3	0.4	0.0	0.0	0.7	1.2	0.1	0.3	0.0	0.0	0.0

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Religious Preference in 1987											
Baptist	12.6	8.4	3.5	17.4	13.2	15.7	4.6	14.4	8.9	5.2	30.5
Buddhist	0.1	0.3	0.2	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Congregational (UCC)	1.1	0.9	1.2	0.9	1.4	1.8	0.7	1.3	2.5	2.8	0.9
Eastern Orthodox	0.8	1.1	1.6	0.2	0.8	1.1	1.2	0.2	0.0	0.0	0.0
Episcopal	7.4	3.9	3.4	9.7	9.2	12.1	2.3	8.9	1.3	1.6	0.0
Islamic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
Jewish	3.1	6.5	6.9	0.2	2.3	3.1	0.2	2.2	0.6	0.5	1.1
Latter Day Saints (Mormon)	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	1.1	1.3	0.0
Lutheran	7.3	8.3	4.5	7.6	6.6	3.7	5.2	11.6	11.3	11.6	9.5
Methodist	8.6	9.7	4.9	7.6	9.7	8.0	5.1	14.8	9.5	10.6	3.4
Presbyterian	5.6	7.8	6.0	4.5	4.7	3.4	2.0	8.1	5.6	5.7	5.2
Quaker (Society of Friends)	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Roman Catholic	33.7	35.0	46.6	32.9	29.7	24.7	71.7	13.4	40.0	41.1	33.5
Seventh Day Adventist	0.4	0.2	0.3	0.9	0.1	0.0	0.0	0.2	0.0	0.0	0.0
other Protestant	5.2	3.7	3.1	5.8	6.6	5.9	2.6	9.8	5.1	4.7	7.3
other religion	4.5	3.0	3.3	4.7	6.1	5.9	0.6	9.4	5.8	5.9	4.8
none	9.6	11.0	14.5	7.7	9.3	14.0	3.7	5.8	7.9	8.7	3.8
in 1991											
Baptist	12.3	7.0	3.5	17.4	13.6	15.7	5.9	14.9	9.5	5.5	34.2
Buddhist	0.3	0.4	0.0	0.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0
UCC	0.9	0.2	1.0	1.7	0.7	0.8	0.3	0.9	2.3	2.6	0.5
Eastern Orthodox	0.5	0.7	1.6	0.2	0.5	1.0	0.1	0.2	0.0	0.0	0.0
Episcopal	6.9	4.0	3.6	8.8	8.3	10.9	1.4	8.4	4.4	5.1	0.0
Islamic	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.0
Jewish	2.7	5.6	6.4	0.3	1.9	2.9	0.2	1.5	1.0	0.9	1.1
Latter Day Saints (Mormon)	0.2	0.5	0.0	0.0	0.2	0.4	0.0	0.0	1.0	1.1	0.0
Lutheran	6.9	8.3	4.7	6.5	6.7	4.1	4.1	11.9	12.8	9.5	33.3
Methodist	7.9	10.1	4.7	6.2	8.8	7.3	5.6	12.8	10.4	11.5	3.3
Presbyterian	5.5	7.6	6.1	4.1	5.2	3.6	2.2	9.1	4.7	5.3	1.0
Quaker	0.1	0.0	0.0	0.0	0.4	0.7	0.0	0.2	0.1	0.0	0.7
Roman Catholic	32.5	33.3	44.4	32.2	28.8	24.1	70.5	12.0	34.2	38.1	10.0
Seventh Day Adventist	0.3	0.0	0.0	0.8	0.1	0.0	0.0	0.2	0.0	0.0	0.0
other Protestant	6.0	6.2	5.0	3.4	9.2	10.0	1.6	12.5	9.5	10.1	6.1
other religion	5.2	4.7	2.5	6.3	4.9	4.1	2.8	7.0	3.2	2.5	7.3
none	11.6	11.5	16.4	11.5	10.6	14.1	5.2	8.6	6.7	7.4	2.5
Plans for Fall 1991											
attend college full-time	36.8	43.9	16.2	47.2	21.9	24.5	20.3	19.0	34.5	35.8	26.5
attend college part-time	7.2	6.5	2.7	11.6	3.6	3.4	3.9	3.8	11.7	11.3	14.4
attend graduate school	14.1	15.3	24.0	6.8	19.6	18.2	18.5	22.2	4.3	3.9	7.1
attend vocational program	1.0	0.1	0.6	1.5	1.2	1.4	1.5	0.9	0.9	1.0	0.0
work full-time	45.3	38.4	52.3	40.2	57.0	52.5	64.0	59.6	57.4	55.7	67.9
work part-time	29.9	36.6	16.4	34.5	20.7	22.3	18.0	20.1	26.7	27.1	23.7
serve in Armed Forces	0.6	0.0	0.2	1.4	0.4	0.4	0.4	0.3	1.4	1.6	0.0
travel	5.8	5.6	8.2	3.2	8.6	10.2	6.5	7.5	4.1	4.3	2.9
do volunteer work	12.8	13.4	16.5	10.4	14.1	14.3	13.5	14.1	6.8	6.8	6.8
stay at home	6.9	3.8	5.8	8.7	7.9	7.1	6.4	10.0	13.5	14.8	5.4

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Probable Career in 1987 (5,8)											
artist or performer	9.7	7.0	13.5	8.1	13.5	14.4	11.6	13.3	8.3	5.4	26.1
business	19.9	17.5	21.4	20.7	20.9	22.9	19.7	19.0	21.6	22.0	19.3
clergy	0.2	0.1	0.0	0.0	0.7	0.5	0.4	1.0	0.0	0.0	0.0
college teacher	0.3	0.0	0.5	0.4	0.6	0.4	0.0	1.0	1.3	1.3	0.8
doctor (MD or DDS)	5.2	9.1	6.9	1.8	5.1	6.4	4.7	3.7	1.0	1.0	1.1
education (secondary)	5.3	10.0	3.0	3.3	3.8	2.2	4.0	5.9	5.4	5.7	3.1
education (elementary)	7.0	3.8	1.6	10.0	7.7	5.5	7.5	10.6	10.5	10.6	10.3
engineer	2.4	3.5	6.3	1.6	1.3	1.7	1.9	0.4	3.5	4.1	0.0
farmer or forester	0.3	0.4	0.0	0.2	0.3	0.2	0.1	0.6	0.3	0.2	0.3
health professional	6.0	7.5	3.4	6.6	4.6	3.1	8.0	4.7	8.0	9.2	1.1
lawyer	6.6	3.7	12.4	9.5	4.3	4.3	5.3	3.7	1.6	1.5	2.0
nurse	3.0	1.8	1.2	4.5	2.7	1.5	5.7	2.6	4.2	4.6	1.6
research scientist	1.4	1.9	1.8	0.5	1.8	1.6	1.0	2.6	1.3	1.5	0.0
other	17.7	17.5	12.3	18.0	19.0	17.9	21.1	19.2	23.4	22.8	27.2
undecided	14.9	16.2	15.7	14.6	13.8	17.5	9.2	11.5	9.7	10.1	7.1
in 1991 (5,8)											
artist or performer	6.3	5.5	12.0	3.1	9.6	10.5	8.4	8.9	7.1	3.7	28.3
business	20.1	19.0	24.3	19.4	21.1	20.6	23.3	20.5	21.7	22.4	17.5
clergy	0.3	0.5	0.0	0.1	0.3	0.4	0.0	0.4	0.0	0.0	0.0
college teacher	2.3	2.6	3.8	1.1	3.2	3.8	1.6	3.5	0.3	0.3	0.0
doctor (MD or DDS)	2.6	3.7	3.4	2.5	1.5	1.5	2.2	1.2	0.4	0.5	0.2
education (secondary)	5.4	5.7	2.4	5.2	6.3	4.8	6.4	8.4	5.7	5.6	6.2
education (elementary)	14.5	14.2	4.6	19.2	11.3	9.4	11.5	13.9	14.9	15.9	8.8
engineer	1.9	2.3	4.2	1.6	1.1	1.5	0.8	0.7	1.9	2.2	0.0
farmer or forester	0.3	0.5	0.3	0.1	0.5	0.5	0.4	0.4	0.5	0.6	0.0
health professional	5.4	8.6	3.0	5.0	3.3	2.5	3.7	4.1	5.8	6.7	0.0
lawyer	4.5	4.4	9.6	3.4	4.7	5.2	4.9	3.9	1.2	1.4	0.0
nurse	6.0	3.7	1.9	10.5	3.8	3.9	4.9	2.9	4.7	4.6	4.8
research scientist	1.4	1.8	1.0	1.1	1.4	1.6	2.3	0.7	1.5	1.7	0.0
other	23.0	21.3	21.8	22.8	25.6	25.9	24.5	25.7	31.6	31.2	34.2
undecided	5.8	6.2	7.7	4.8	6.4	7.9	5.1	4.9	2.8	3.2	0.0
Permission to Use Student ID/SSN in 1987											
yes	79.2	73.6	74.8	85.6	77.9	74.5	82.9	80.5	72.5	73.7	*63.5*
no	20.8	26.4	25.2	14.4	22.1	25.5	17.1	19.5	27.5	26.3	*36.5*
in 1991											
yes	72.7	68.0	74.2	74.7	74.5	74.5	73.5	75.0	64.5	66.2	54.5
no	27.3	32.0	25.8	25.3	25.5	25.5	26.5	25.0	35.5	33.8	45.5

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Probable Major in 1987 (5,8)											
agriculture	0.6	1.9	0.0	0.2	0.0	0.0	0.0	0.0	1.7	2.0	0.0
biological science	3.9	5.9	3.0	2.2	4.1	4.4	4.6	3.3	2.3	2.7	0.3
business	21.0	18.7	18.5	20.7	24.4	26.3	23.3	22.3	26.4	25.7	30.0
education	12.2	11.7	2.3	15.6	11.2	8.3	10.4	15.9	19.0	20.4	11.1
engineering	2.4	3.2	6.6	1.6	1.4	1.6	2.2	0.5	2.9	3.3	0.0
English	1.9	0.8	6.0	0.6	3.2	3.2	4.0	2.7	0.0	0.0	0.0
health professional	9.3	11.6	8.2	8.2	8.7	8.1	12.9	7.0	10.3	11.3	4.4
history or political science	6.9	5.6	9.8	8.4	5.7	6.4	4.8	5.2	2.2	2.3	1.9
humanities	3.3	1.5	5.6	3.4	4.4	4.5	5.9	3.4	1.5	1.8	0.0
fine arts	4.6	1.9	7.1	3.4	7.9	8.6	3.4	9.4	6.0	3.0	23.2
mathematics or statistics	0.6	0.9	0.8	0.2	0.7	0.6	0.7	0.6	1.1	1.3	0.0
physical sciences	0.9	1.0	1.3	0.7	1.0	1.3	1.1	0.5	0.8	0.3	4.0
social sciences	9.0	11.6	9.6	6.4	9.3	7.8	10.7	10.7	3.1	2.7	5.5
other technical	2.1	1.9	0.2	2.8	1.8	0.8	2.8	2.8	4.1	3.6	7.1
other non-technical	8.8	11.8	10.8	6.6	7.9	7.3	9.0	8.3	12.9	13.4	9.7
undecided	12.7	10.1	10.3	18.7	8.4	10.8	4.2	7.3	5.8	6.3	2.8
Reported in 1991 (5,8)											
agriculture	0.4	1.1	0.0	0.3	0.0	0.0	0.0	0.1	1.3	1.5	*0.0*
biological science	4.3	4.8	2.5	3.7	5.1	5.1	6.6	4.2	2.3	1.9	*5.5*
business	15.8	14.1	13.3	17.4	16.5	15.4	19.9	16.3	29.2	29.9	*24.7*
education	18.3	17.9	7.1	24.1	15.3	12.8	12.4	20.4	18.5	18.8	*16.0*
engineering	2.1	2.7	4.4	2.3	0.5	0.7	0.6	0.3	1.5	1.7	*0.0*
English	5.2	4.6	8.1	4.3	5.9	6.2	7.2	4.9	1.6	1.5	*2.7*
health professional	8.6	8.3	2.7	13.9	4.5	4.8	5.8	3.2	8.3	8.7	*5.6*
history or political science	7.6	7.6	12.4	3.5	10.7	13.6	7.9	8.3	2.4	2.6	*0.9*
humanities	4.2	3.3	6.8	3.6	5.2	7.1	4.8	2.6	6.4	2.9	*31.1*
fine arts	4.9	3.8	5.9	3.8	7.0	5.3	5.7	10.0	0.7	0.5	*1.6*
mathematics or statistics	1.0	0.8	1.2	0.7	1.5	1.8	1.2	1.2	1.3	1.4	*0.0*
physical sciences	1.1	1.4	1.9	0.8	1.0	1.4	0.4	0.6	1.2	1.4	*0.0*
social sciences	15.0	14.3	18.6	13.5	16.3	16.3	16.5	16.1	7.4	7.8	*4.6*
other technical	1.8	1.9	0.0	2.4	1.7	2.0	3.5	0.4	3.7	4.3	*0.0*
other non-technical	9.4	13.0	14.7	5.6	8.6	7.4	7.2	10.9	13.4	14.3	*7.4*
undecided	0.3	0.4	0.3	0.3	0.3	0.1	0.3	0.5	0.8	0.9	*0.0*
Probable Graduate Major (5,8)											
agriculture	0.1	0.4	0.0	0.0	0.1	0.0	0.2	0.2	0.0	0.0	*0.0*
biological science	2.6	3.3	0.8	2.1	3.2	3.9	4.8	1.4	4.4	2.9	*15.1*
business	15.2	16.5	22.6	14.1	12.9	10.6	16.6	14.2	23.5	24.3	*18.3*
education	13.7	11.9	8.4	13.5	16.9	16.2	17.2	17.8	17.1	15.4	*29.5*
engineering	1.8	1.3	3.8	1.7	1.6	1.6	1.9	1.6	0.7	0.8	*0.0*
English	6.5	1.2	2.3	15.6	3.0	3.1	4.7	1.9	4.1	3.6	*7.6*
health professional	13.2	15.4	6.4	14.9	11.5	14.9	9.3	8.1	12.6	12.7	*11.9*
history or political science	3.4	4.1	7.7	1.1	3.9	4.4	2.6	4.0	2.3	2.0	*4.9*
humanities	2.5	1.5	3.3	1.6	4.0	4.5	3.3	3.6	0.3	0.0	*2.5*
fine arts	4.0	3.0	3.8	1.2	8.0	6.8	1.4	13.1	1.2	1.2	*1.6*
mathematics or statistics	0.7	0.7	1.0	0.6	0.7	0.5	0.0	1.3	1.1	1.2	*0.0*
physical sciences	0.8	0.9	0.8	0.5	1.0	1.5	1.1	0.2	1.2	1.4	*0.0*
social sciences	15.2	14.0	13.6	16.2	15.6	16.0	16.1	14.8	12.9	14.1	*4.4*
other technical	1.3	1.1	2.0	1.2	1.5	0.4	2.8	2.2	3.3	3.8	*0.0*
other non-technical	14.2	19.5	20.9	10.0	11.7	9.4	16.0	12.7	11.2	12.5	*1.7*
undecided	4.9	5.3	2.6	5.7	4.4	6.4	2.0	2.8	4.0	4.3	*2.6*

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
DISAGGREGATED RESPONSES											
Probable Career in 1987											
accountant or actuary	5.8	6.2	3.7	6.5	5.0	3.4	6.3	6.6	6.4	6.2	7.5
actor or entertainer	1.2	0.2	1.8	1.6	1.5	2.0	1.2	1.1	0.0	0.0	0.0
architect or urban planner	0.6	0.9	0.3	0.8	0.1	0.3	0.0	0.0	0.3	0.4	0.0
artist	3.0	0.8	0.8	3.1	5.9	6.9	1.7	6.8	3.5	0.0	24.9
business (clerical)	0.9	0.7	0.2	1.5	0.5	0.5	0.0	0.7	2.9	2.4	6.5
business executive (management)	9.9	7.6	13.3	8.2	13.3	16.8	11.2	9.8	11.3	11.6	9.2
business owner or proprietor	3.1	1.9	3.1	5.2	1.6	1.6	1.0	2.1	2.1	2.0	2.5
business salesperson or buyer	1.2	1.9	1.3	0.9	0.9	1.1	1.2	0.4	1.8	2.1	0.0
clergy (minister,priest)	0.1	0.1	0.0	0.0	0.3	0.1	0.0	0.9	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.0	0.0	0.3	0.4	0.4	0.2	0.0	0.0	0.0
clinical psychologist	2.2	2.6	2.2	2.0	2.1	1.6	3.5	2.2	0.7	0.5	1.8
college teacher	0.3	0.0	0.5	0.4	0.6	0.4	0.0	1.0	1.3	1.3	0.8
computer programmer or analyst	1.0	0.2	0.0	2.0	0.6	0.7	1.2	0.3	2.4	1.5	7.4
conservationist or forester	0.2	0.4	0.0	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.3
dentist (including orthodontist)	0.4	1.1	0.3	0.2	0.2	0.0	0.1	0.5	0.0	0.0	0.0
dietitian or home economist	0.3	0.8	0.3	0.2	0.1	0.0	0.0	0.3	1.0	1.0	0.6
engineer	2.4	3.5	6.3	1.6	1.3	1.7	1.9	0.4	3.5	4.1	0.0
farmer or rancher	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.5	0.2	0.2	0.0
foreign service worker	2.3	3.2	3.7	0.7	2.8	3.1	1.1	3.4	0.0	0.0	0.0
homemaker (full-time)	0.1	0.0	0.2	0.2	0.0	0.0	0.1	0.0	0.1	0.0	0.9
interior decorator or designer	1.5	1.1	0.9	1.8	1.7	1.5	4.0	0.7	0.2	0.0	1.3
intepreter (translator)	0.5	0.3	0.0	0.6	0.7	1.1	0.7	0.2	0.0	0.0	0.0
lab technician or hygienist	0.5	0.5	0.0	0.6	0.4	0.0	1.2	0.5	2.1	2.4	0.0
law enforcement officer	0.4	0.2	0.0	0.3	0.8	1.1	1.3	0.0	0.4	0.4	0.2
lawyer (attorney) or judge	6.6	3.7	12.4	9.5	4.3	4.3	5.3	3.7	1.6	1.5	2.0
military service (career)	0.5	0.6	0.0	0.7	0.2	0.3	0.4	0.0	0.0	0.0	0.0
musician (performer,composer)	0.7	0.0	2.2	0.4	1.3	1.0	1.0	1.9	2.8	3.3	0.0
nurse	3.0	1.8	1.2	4.5	2.7	1.5	5.7	2.6	4.2	4.6	1.6
optometrist	0.3	0.5	0.2	0.2	0.2	0.2	0.5	0.2	0.1	0.0	0.5
pharmacist	0.8	1.1	0.8	0.7	0.7	0.6	0.7	0.9	0.6	0.7	0.0
physician	4.8	8.0	6.6	1.6	5.0	6.4	4.6	3.3	1.0	1.0	1.1
school counselor	0.3	0.6	0.7	0.2	0.1	0.3	0.0	0.0	0.2	0.0	1.2
school principal, superintendent	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher	1.4	1.9	1.8	0.5	1.8	1.6	1.0	2.6	1.3	1.5	0.0
social,welfare,recreation worker	2.0	0.5	0.7	1.9	3.8	3.2	4.7	4.2	2.5	2.5	2.7
statistician	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)	3.2	3.0	2.1	4.3	2.2	1.0	4.8	2.3	3.5	4.1	0.0
teacher (elementary)	7.0	3.8	1.6	10.0	7.7	5.5	7.5	10.6	10.5	10.6	10.3
teacher (secondary)	4.9	9.4	2.0	3.1	3.7	1.9	4.0	5.9	5.2	5.7	1.9
veterinarian	0.9	1.6	0.0	0.5	0.9	1.2	0.7	0.6	0.8	0.9	0.0
writer or journalist	3.3	4.9	7.7	1.2	3.1	2.9	3.7	3.0	1.8	2.1	0.0
skilled trades	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.0	2.3	0.0
other	7.2	7.9	4.7	7.1	7.2	6.1	8.2	8.1	12.1	12.9	7.7
undecided	14.9	16.2	15.7	14.6	13.8	17.5	9.2	11.5	9.7	10.1	7.1

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Career in 1991											
accountant or actuary	4.7	6.6	4.7	3.2	4.6	2.9	7.7	5.1	7.8	8.4	4.5
actor or entertainer	0.5	0.0	1.6	0.4	1.0	1.8	0.6	0.0	0.0	0.0	0.0
architect or urban planner	0.5	1.0	0.3	0.3	0.2	0.0	0.8	0.1	0.0	0.0	0.0
artist	1.4	1.1	1.0	0.7	2.7	2.6	2.0	3.2	4.3	0.8	25.6
business (clerical)	1.3	1.2	0.5	0.7	2.4	4.1	0.3	1.2	4.9	4.7	5.7
business executive (management)	10.7	10.4	13.3	9.8	11.3	10.0	12.4	12.6	10.2	9.9	12.3
business owner or proprietor	2.8	0.0	3.5	4.7	3.1	5.6	0.3	1.4	0.6	0.7	0.0
business salesperson or buyer	2.0	2.0	2.8	1.8	2.1	2.1	2.9	1.4	3.0	3.4	0.7
clergy (minister,priest)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
clergy (other religious)	0.2	0.4	0.0	0.1	0.3	0.4	0.0	0.3	0.0	0.0	0.0
clinical psychologist	2.2	1.0	3.3	2.3	2.9	2.5	6.5	1.4	0.3	0.4	0.0
college teacher	2.3	2.6	3.8	1.1	3.2	3.8	1.6	3.5	0.3	0.3	0.0
computer programmer or analyst	0.9	0.5	0.0	1.3	1.0	1.2	2.0	0.2	1.0	1.2	0.0
conservationist or forester	0.3	0.5	0.3	0.1	0.5	0.5	0.4	0.4	0.3	0.3	0.0
dentist (including orthodontist)	0.5	0.3	0.3	0.9	0.2	0.1	0.2	0.3	0.0	0.0	0.0
dietitian or home economist	0.5	1.5	0.3	0.0	0.1	0.0	0.4	0.2	0.6	0.8	0.0
engineer	1.9	2.3	4.2	1.6	1.1	1.5	0.8	0.7	1.9	2.2	0.0
farmer or rancher	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
foreign service worker	0.8	1.0	1.0	0.2	1.4	1.3	0.9	1.7	0.5	0.6	0.0
homemaker (full-time)	0.3	0.2	0.5	0.0	0.8	1.3	0.0	0.7	0.2	0.0	1.3
interior decorator or designer	0.5	0.7	0.2	0.3	0.7	0.9	0.6	0.5	0.6	0.7	0.0
intepreter (translator)	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.2	0.0	0.0	0.0
lab technician or hygienist	0.5	1.0	0.0	0.4	0.2	0.0	0.8	0.0	0.4	0.5	0.0
law enforcement officer	0.2	0.4	0.0	0.2	0.1	0.0	0.4	0.0	0.4	0.4	0.0
lawyer (attorney) or judge	4.5	4.4	9.6	3.4	4.7	5.2	4.9	3.9	1.2	1.4	0.0
military service (career)	0.2	0.0	0.0	0.5	0.2	0.3	0.0	0.3	0.0	0.0	0.0
musician (performer,composer)	0.5	0.0	1.9	0.5	0.6	0.9	0.0	0.5	0.0	0.0	0.0
nurse	6.0	3.7	1.9	10.5	3.8	3.9	4.9	2.9	4.7	4.6	4.8
optometrist	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
pharmacist	0.5	0.5	0.4	0.6	0.4	0.6	0.0	0.3	0.3	0.4	0.0
physician	2.2	3.4	3.1	1.6	1.3	1.3	1.9	0.9	0.4	0.5	0.2
school counselor	1.1	0.7	0.0	1.6	1.2	1.1	1.1	1.4	0.8	0.7	1.2
school principal, superintendent	0.1	0.0	0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.0
scientific researcher	1.4	1.8	1.0	1.1	1.4	1.6	2.3	0.7	1.5	1.7	0.0
social,welfare,recreation worker	4.1	3.8	2.1	4.2	4.9	4.7	2.9	6.4	3.8	4.2	1.6
statistician	0.1	0.0	0.6	0.2	0.1	0.0	0.2	0.3	0.6	0.7	0.0
therapist (phys,occup,speech)	3.6	5.2	2.2	3.6	2.2	1.4	2.5	3.2	4.1	4.8	0.0
teacher (elementary)	14.5	14.2	4.6	19.2	11.3	9.4	11.5	13.9	14.9	15.9	8.8
teacher (secondary)	4.2	5.0	2.4	3.3	5.0	3.5	5.3	7.0	5.0	5.0	5.0
veterinarian	0.2	0.0	0.0	0.2	0.3	0.4	0.0	0.4	0.2	0.3	0.0
writer or journalist	3.4	3.8	7.4	1.3	4.7	4.4	5.1	4.8	2.2	2.2	2.8
skilled trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.3	6.3
other	12.3	12.2	13.5	12.9	11.3	10.6	9.9	13.1	17.0	16.6	19.3
undecided	5.8	6.2	7.7	4.8	6.4	7.9	5.1	4.9	2.8	3.2	0.0

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE MAJOR IN 1987											
Arts and Humanities											
arts, fine and applied	3.2	0.8	4.1	2.5	6.2	7.3	1.5	7.2	5.7	2.7	23.2
English (language & literature)	1.9	0.8	6.0	0.6	3.2	3.2	4.0	2.7	0.0	0.0	0.0
history	0.6	0.5	0.5	0.4	0.8	0.8	0.9	0.9	0.0	0.0	0.0
journalism	1.8	2.7	4.8	0.8	1.1	0.7	1.6	1.5	1.5	1.8	0.0
language/literature (except Eng)	1.0	0.6	1.6	0.7	1.6	1.8	1.8	1.1	0.0	0.0	0.0
music	0.7	0.0	2.2	0.4	1.4	1.1	1.2	2.0	0.0	0.0	0.0
philosophy	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
speech	0.2	0.0	0.5	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
theater or drama	1.0	0.0	0.9	1.8	1.0	1.3	1.1	0.6	0.0	0.0	0.0
theology or religion	0.2	0.1	0.0	0.4	0.3	0.0	0.5	0.6	0.0	0.0	0.0
other arts and humanities	1.0	0.8	3.0	0.6	1.4	1.2	2.5	1.1	1.5	1.8	0.0
Biological Sciences											
biology (general)	1.9	2.9	0.5	0.9	2.7	2.9	3.7	1.9	1.0	1.2	0.0
biochemistry or biophysics	0.5	0.6	1.0	0.2	0.5	0.4	0.0	0.9	0.0	0.0	0.0
botany	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
marine (life) science	0.3	0.3	0.2	0.3	0.2	0.4	0.0	0.2	0.2	0.3	0.0
microbiology or bacteriology	0.3	0.8	0.5	0.0	0.1	0.0	0.2	0.1	0.5	0.6	0.0
zoology	0.4	0.7	0.0	0.3	0.4	0.7	0.6	0.0	0.0	0.0	0.0
other biological science	0.4	0.5	0.8	0.6	0.1	0.1	0.0	0.2	0.5	0.6	0.3
Business											
accounting	6.0	5.9	4.2	6.8	5.4	4.0	7.4	6.3	8.2	8.5	6.7
business admin (general)	7.0	4.0	3.3	7.0	10.9	15.6	4.2	8.1	7.3	5.5	17.3
finance	1.5	2.1	4.6	0.9	0.7	0.6	1.9	0.3	0.0	0.0	0.0
marketing	2.1	2.5	2.2	1.7	2.3	2.6	2.9	1.4	2.0	2.3	0.0
management	2.9	3.3	3.0	2.5	3.0	2.5	3.9	3.1	5.7	6.2	2.8
secretarial studies	0.4	0.0	0.0	0.9	0.4	0.3	0.5	0.4	2.8	2.9	2.5
other business	1.2	0.9	1.2	1.0	1.7	0.7	2.4	2.6	0.4	0.3	0.8
Education											
business education	0.5	0.0	0.0	1.3	0.2	0.4	0.0	0.0	0.5	0.6	0.0
elementary education	6.1	2.7	1.1	9.7	6.4	4.6	7.6	8.5	8.3	8.2	9.1
music or art education	0.2	0.0	0.0	0.4	0.3	0.3	0.6	0.1	0.1	0.0	0.7
physical education or recreation	2.7	6.8	0.0	1.6	0.7	0.7	0.5	0.8	2.0	2.3	0.0
secondary education	1.6	1.7	1.1	1.1	2.2	1.3	1.1	4.2	4.3	4.9	1.3
special education	0.9	0.5	0.0	1.4	1.1	0.8	0.5	1.8	0.7	0.8	0.0
other education	0.2	0.0	0.0	0.3	0.3	0.3	0.1	0.4	3.1	3.6	0.0
Engineering											
aeronautical/astronautical eng	0.5	0.9	0.9	0.5	0.2	0.2	0.1	0.2	0.2	0.2	0.0
civil engineering	0.1	0.2	0.0	0.1	0.1	0.1	0.5	0.0	0.0	0.0	0.0
chemical engineering	0.3	0.0	1.2	0.4	0.2	0.3	0.1	0.1	0.2	0.3	0.0
electrical/electronic eng	0.5	0.7	1.3	0.3	0.3	0.3	1.1	0.0	0.5	0.6	0.0
industrial engineering	0.2	0.2	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
mechanical engineering	0.2	0.3	0.0	0.1	0.2	0.2	0.0	0.1	0.6	0.7	0.0
other engineering	0.6	1.0	2.7	0.0	0.3	0.4	0.4	0.1	1.3	1.6	0.0

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PROBABLE MAJOR IN 1987											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	0.4	0.5	0.9	0.1	0.6	0.7	0.4	0.5	0.6	0.0	4.0
earth science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine science	0.3	0.0	0.0	0.6	0.2	0.3	0.4	0.0	0.0	0.0	0.0
mathematics	0.6	0.9	0.8	0.2	0.7	0.6	0.7	0.6	1.1	1.3	0.0
physics	0.1	0.1	0.4	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical science	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.0	0.2	0.3	0.0
Professional											
architecture or urban planning	0.5	1.1	0.3	0.2	0.3	0.2	0.8	0.1	0.3	0.4	0.0
home economics	0.9	1.1	0.3	1.1	0.4	0.7	0.0	0.3	1.8	1.9	1.2
health technology (med,dent,lab)	1.0	1.7	0.0	0.8	0.9	0.0	1.1	2.1	2.8	3.3	0.0
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	2.5	1.8	1.2	3.0	3.0	2.7	5.3	2.1	4.4	4.7	2.8
pharmacy	0.9	0.9	0.7	0.9	0.8	0.8	0.7	0.9	0.6	0.7	0.0
predental,premedical,prevet	3.4	6.0	4.4	1.3	3.2	3.7	3.0	2.5	0.5	0.3	1.6
therapy (phys,occup,speech)	2.5	2.8	1.9	3.0	1.7	0.9	3.8	1.6	4.7	5.6	0.0
other professional	0.9	1.6	1.6	0.0	1.1	0.4	1.2	2.1	3.7	4.2	1.0
Social Sciences											
anthropology	0.1	0.2	0.3	0.0	0.1	0.0	0.1	0.4	0.0	0.0	0.0
economics	0.3	0.5	1.2	0.0	0.2	0.3	0.2	0.1	0.0	0.0	0.0
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	6.4	5.1	9.3	8.0	4.8	5.6	3.9	4.3	2.2	2.3	1.9
psychology	6.3	8.6	7.3	4.8	5.6	5.3	5.8	6.0	2.0	1.6	4.5
social work	1.2	0.6	0.4	0.7	2.6	1.5	4.5	2.9	1.1	1.1	1.0
sociology	0.8	1.1	0.4	0.9	0.7	0.6	0.0	1.3	0.0	0.0	0.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.3	0.7	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.3	0.0	0.0	0.7	0.2	0.0	0.6	0.1	0.3	0.0	1.7
drafting or design	0.1	0.0	0.2	0.0	0.2	0.2	0.6	0.1	0.0	0.0	0.0
electronics	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other											
agriculture	0.6	1.8	0.0	0.2	0.0	0.0	0.0	0.0	1.4	1.7	0.0
communications	3.2	3.6	4.1	2.6	3.3	2.9	4.0	3.4	2.4	2.5	2.2
computer science	0.6	0.2	0.0	1.1	0.5	0.5	0.6	0.4	1.0	0.3	5.4
forestry	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
law enforcement	0.6	0.2	0.0	0.6	1.3	2.4	1.2	0.0	0.4	0.4	0.2
military science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.4	2.6	0.0	1.5	0.6	0.3	1.0	0.9	2.9	2.6	5.0
undecided	12.7	10.1	10.3	18.7	8.4	10.8	4.2	7.3	5.8	6.3	2.8

1991 FOLLOW-UP OF 1987 FRESHMEN
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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	2.8	1.5	2.9	1.4	5.6	3.9	4.0	8.7	0.5	0.5	*0.6*
English (language & literature)	5.2	4.6	8.1	4.3	5.9	6.2	7.2	4.9	1.6	1.5	*2.7*
history	2.7	1.5	2.3	1.6	5.2	8.0	2.8	2.7	1.2	1.3	*0.9*
journalism	1.8	3.0	6.0	0.0	1.3	0.8	1.2	2.2	0.8	0.8	*0.9*
language/literature (except Eng)	1.0	0.8	3.3	0.1	1.8	2.7	1.1	0.9	0.6	0.7	*0.0*
music	0.8	0.3	2.4	0.4	1.1	1.2	1.5	0.8	0.1	0.0	*1.0*
philosophy	0.3	0.3	0.2	0.0	0.7	1.0	0.6	0.3	0.0	0.0	*0.0*
speech	1.0	1.1	0.3	1.6	0.3	0.2	0.3	0.4	0.0	0.0	*0.0*
theater or drama	0.3	0.0	0.4	0.3	0.4	0.6	0.6	0.0	0.0	0.0	*0.0*
theology or religion	0.3	0.3	0.2	0.1	0.6	0.4	0.5	0.9	0.0	0.0	*0.0*
other arts and humanities	2.2	1.8	2.7	3.0	1.7	2.3	2.0	0.5	5.8	2.2	*31.1*
Biological Sciences											
biology (general)	3.0	2.4	1.8	2.7	4.5	4.3	5.3	4.2	0.7	0.8	*0.0*
biochemistry or biophysics	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
marine (life) science	0.2	0.0	0.0	0.4	0.2	0.0	0.9	0.0	0.0	0.0	*0.0*
microbiology or bacteriology	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	*0.0*
zoology	0.2	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other biological science	0.6	1.1	0.6	0.3	0.4	0.6	0.5	0.0	1.0	0.4	*5.5*
Business											
accounting	4.5	5.5	4.7	3.6	4.4	2.3	6.9	5.9	8.5	8.8	*6.9*
business admin (general)	2.1	0.6	0.0	2.7	3.6	2.7	3.5	4.8	5.0	4.0	*11.9*
finance	2.4	1.5	1.7	4.6	0.8	0.6	2.1	0.4	2.1	2.4	*0.0*
marketing	2.7	3.0	2.6	2.4	2.7	2.6	4.6	1.7	2.3	2.5	*0.9*
management	2.6	1.0	2.3	2.9	3.9	6.2	1.2	2.1	4.8	5.1	*3.3*
secretarial studies	0.3	0.0	0.0	0.8	0.2	0.0	0.0	0.5	4.4	4.8	*1.7*
other business	1.3	2.4	2.0	0.4	1.1	0.9	1.5	1.0	2.0	2.3	*0.0*
Education											
business education	0.2	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.3	0.0	*2.1*
elementary education	11.6	6.8	3.6	18.9	10.5	9.2	9.5	12.8	12.2	12.6	*9.2*
music or art education	0.4	0.0	0.1	0.6	0.6	0.7	0.8	0.4	0.0	0.0	*0.0*
physical education or recreation	3.1	7.6	0.3	1.3	1.5	1.1	0.7	2.5	1.5	1.7	*0.3*
secondary education	1.6	2.6	0.7	0.9	1.6	0.7	0.1	3.8	3.1	3.3	*1.8*
special education	0.6	0.1	0.3	1.2	0.7	0.9	0.8	0.4	1.1	1.2	*0.0*
other education	0.8	0.6	1.7	1.0	0.4	0.2	0.5	0.5	0.3	0.0	*2.6*
Engineering											
aeronautical/astronautical eng	0.1	0.0	0.4	0.0	0.1	0.2	0.0	0.0	0.2	0.3	*0.0*
civil engineering	0.3	0.5	0.2	0.3	0.0	0.0	0.1	0.0	0.3	0.4	*0.0*
chemical engineering	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.3	*0.0*
electrical/electronic eng	0.5	0.7	0.8	0.6	0.1	0.1	0.3	0.0	0.0	0.0	*0.0*
industrial engineering	0.5	0.4	0.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mechanical engineering	0.2	0.5	0.5	0.1	0.0	0.0	0.1	0.0	0.6	0.7	*0.0*
other engineering	0.4	0.7	1.8	0.1	0.2	0.3	0.0	0.1	0.0	0.0	*0.0*

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
atmospheric science	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
chemistry	0.6	0.4	0.9	0.7	0.5	0.5	0.4	0.6	0.8	0.9	*0.0*
earth science	0.2	0.4	0.4	0.1	0.1	0.3	0.0	0.0	0.4	0.5	*0.0*
marine science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	1.0	0.7	1.2	0.7	1.5	1.8	1.2	1.2	1.3	1.4	*0.0*
physics	0.2	0.4	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	*0.0*
statistics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other physical science	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
Professional											
architecture or urban planning	0.4	0.8	0.3	0.3	0.0	0.0	0.0	0.1	0.0	0.0	*0.0*
home economics	1.3	1.6	0.0	1.7	0.8	0.9	0.5	0.8	0.5	0.4	*0.0*
health technology (med,dent,lab)	0.7	1.1	0.0	0.6	0.5	0.8	0.6	0.2	0.9	1.1	*0.0*
law <graduate-level only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
nursing	5.6	3.9	1.8	10.0	3.2	3.7	4.4	1.9	4.5	4.3	*5.6*
pharmacy	0.5	0.3	0.4	0.7	0.4	0.5	0.0	0.3	0.4	0.4	*0.0*
predental,premedical,prevet	0.2	0.5	0.0	0.1	0.2	0.0	0.1	0.4	0.0	0.0	*0.0*
therapy (phys,occup,speech)	2.3	3.5	0.5	3.0	0.7	0.6	1.2	0.6	3.4	3.9	*0.0*
other professional	1.1	2.1	0.8	0.4	0.9	0.8	0.5	1.5	6.2	6.9	*1.3*
Social Sciences											
anthropology	0.4	0.4	1.2	0.0	0.6	1.4	0.0	0.0	0.0	0.0	*0.0*
economics	1.3	1.7	3.2	0.2	1.6	1.6	1.0	1.8	0.5	0.6	*0.0*
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
political science	4.9	6.1	10.1	1.9	5.5	5.6	5.1	5.6	1.2	1.4	*0.0*
psychology	7.9	7.4	9.2	8.6	7.1	6.0	9.3	7.4	4.5	4.5	*4.6*
social work	1.9	1.0	0.2	2.1	2.9	3.3	1.0	3.5	1.7	1.9	*0.0*
sociology	2.6	2.4	1.3	2.4	3.4	3.4	3.7	3.3	0.4	0.4	*0.0*
women's studies	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
other social science	0.9	1.4	3.6	0.2	0.5	0.6	1.5	0.0	0.3	0.3	*0.0*
Technical											
building trades	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
data processing or computer prog	0.5	0.3	0.0	1.1	0.3	0.2	1.1	0.1	0.0	0.0	*0.0*
drafting or design	0.3	0.5	0.0	0.2	0.2	0.0	1.2	0.0	1.0	1.1	*0.0*
electronics	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	*0.0*
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other technical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	*0.0*
Other											
agriculture	0.3	0.8	0.0	0.3	0.0	0.0	0.0	0.0	1.0	1.1	*0.0*
communications	3.6	3.5	6.5	3.1	3.7	3.3	3.7	4.2	2.2	2.1	*3.0*
computer science	0.3	0.0	0.0	0.4	0.5	0.6	0.7	0.1	1.4	1.5	*0.0*
forestry	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	*0.0*
law enforcement	0.4	0.9	0.0	0.2	0.4	0.3	1.3	0.0	0.8	0.9	*0.0*
military science	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other field	1.1	2.0	1.4	0.0	1.4	1.5	0.0	2.2	2.9	3.2	*1.3*
undecided	0.3	0.4	0.3	0.3	0.3	0.1	0.3	0.5	0.8	0.9	*0.0*

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	2.4	0.9	1.9	0.0	6.3	4.1	1.4	11.7	1.2	1.2	*1.6*
English (language & literature)	6.5	1.2	2.3	15.6	3.0	3.1	4.7	1.9	4.1	3.6	*7.6*
history	0.7	0.6	1.5	0.3	0.8	0.9	0.6	0.9	1.4	0.9	*4.9*
journalism	1.1	1.8	1.3	0.0	1.4	0.8	1.3	2.3	0.0	0.0	*0.0*
language/literature (except Eng)	0.7	0.6	1.4	0.5	0.8	0.8	0.2	1.0	0.3	0.0	*2.5*
music	0.9	0.0	1.9	0.9	1.4	2.1	0.0	1.2	0.0	0.0	*0.0*
philosophy	0.4	0.0	0.0	0.5	0.6	0.6	1.7	0.0	0.0	0.0	*0.0*
speech	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	*0.0*
theater or drama	0.2	0.0	0.5	0.0	0.6	0.9	0.6	0.0	0.0	0.0	*0.0*
theology or religion	0.5	0.5	0.3	0.3	0.8	0.2	0.8	1.6	0.0	0.0	*0.0*
other arts and humanities	0.7	0.4	1.1	0.3	1.3	2.0	0.0	1.0	0.0	0.0	*0.0*
Biological Sciences											
biology (general)	0.1	0.0	0.3	0.0	0.2	0.5	0.0	0.0	0.0	0.0	*0.0*
biochemistry or biophysics	0.4	0.5	0.5	0.3	0.4	0.9	0.0	0.0	0.0	0.0	*0.0*
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
marine (life) science	0.3	0.0	0.0	0.7	0.3	0.0	1.5	0.0	0.0	0.0	*0.0*
microbiology or bacteriology	0.5	0.9	0.0	0.5	0.2	0.0	1.0	0.0	1.6	1.8	*0.0*
zoology	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
other biological science	1.3	1.9	0.0	0.5	1.9	2.2	2.3	1.4	2.8	1.1	*15.1*
Business											
accounting	2.5	5.3	2.8	0.3	2.3	2.9	2.8	1.4	3.9	4.1	*2.5*
business admin (general)	4.0	3.3	9.5	3.0	4.0	2.8	5.6	5.0	10.0	11.1	*2.4*
finance	0.7	0.3	0.6	0.7	1.2	1.7	1.2	0.6	0.0	0.0	*0.0*
marketing	2.6	2.8	2.9	2.7	2.0	1.5	2.6	2.5	1.6	1.8	*0.0*
management	3.3	3.7	2.3	4.3	2.2	1.4	3.7	2.6	2.6	2.5	*3.4*
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.2	*2.8*
other business	2.0	1.1	4.5	2.9	1.1	0.5	0.8	2.1	4.1	3.6	*7.2*
Education											
business education	0.4	0.3	0.0	0.5	0.5	0.4	1.4	0.0	0.1	0.0	*0.9*
elementary education	5.4	4.3	4.1	6.4	5.8	6.0	3.8	6.4	12.0	10.9	*19.9*
music or art education	0.4	0.0	0.0	0.2	1.2	1.7	1.2	0.5	0.0	0.0	*0.0*
physical education or recreation	0.7	0.3	0.0	0.8	1.2	1.2	0.0	1.7	0.1	0.0	*0.9*
secondary education	2.1	3.0	2.6	1.0	2.1	1.8	2.2	2.6	2.3	2.7	*0.0*
special education	2.3	1.0	0.5	2.8	3.4	2.3	3.5	4.7	1.0	0.0	*7.8*
other education	2.3	3.0	1.2	1.7	2.8	2.7	5.0	1.9	1.5	1.8	*0.0*
Engineering											
aeronautical/astronautical eng	0.1	0.0	0.6	0.0	0.1	0.0	0.5	0.0	0.0	0.0	*0.0*
civil engineering	0.4	0.3	0.0	0.0	0.9	1.3	0.0	0.6	0.0	0.0	*0.0*
chemical engineering	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	*0.0*
electrical/electronic eng	0.2	0.4	0.5	0.2	0.1	0.0	0.5	0.0	0.0	0.0	*0.0*
industrial engineering	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
mechanical engineering	0.1	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
other engineering	0.9	0.6	2.4	1.1	0.4	0.0	0.8	0.7	0.0	0.0	*0.0*

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	*0.0*
atmospheric science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
chemistry	0.4	0.3	0.3	0.5	0.3	0.4	0.5	0.2	0.0	0.0	*0.0*
earth science	0.2	0.2	0.5	0.0	0.2	0.4	0.0	0.0	0.0	0.0	*0.0*
marine science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	0.5	0.2	0.7	0.6	0.6	0.5	0.0	1.2	0.0	0.0	*0.0*
physics	0.2	0.3	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	*0.0*
statistics	0.2	0.5	0.4	0.0	0.1	0.0	0.0	0.2	1.1	1.2	*0.0*
other physical science	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	*0.0*
Professional											
architecture or urban planning	0.7	2.1	0.0	0.3	0.2	0.4	0.0	0.0	0.0	0.0	*0.0*
home economics	0.3	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
health technology (med,dent,lab)	0.6	1.1	1.7	0.0	0.5	0.2	0.9	0.9	1.3	1.5	*0.0*
law	8.1	9.7	15.7	6.2	6.2	5.2	11.0	5.0	3.0	3.4	*0.0*
library or information science	0.4	0.6	0.0	0.5	0.3	0.0	0.0	0.8	1.4	1.6	*0.0*
nursing	6.3	4.5	1.7	9.3	6.2	10.0	3.6	2.5	5.7	4.8	*11.9*
pharmacy	0.3	0.4	0.0	0.3	0.4	0.5	0.0	0.6	1.0	1.2	*0.0*
predental,premedical,prevet	1.9	3.8	1.1	0.6	1.8	2.2	0.9	1.7	1.3	1.5	*0.0*
therapy (phys,occup,speech)	4.6	6.7	3.5	4.7	3.1	2.2	4.8	3.3	4.6	5.2	*0.0*
other professional	2.1	4.8	1.8	1.1	1.0	0.4	1.9	1.3	5.8	6.5	*0.9*
Social Sciences											
anthropology	0.4	0.0	0.6	0.4	0.6	1.1	0.0	0.3	0.0	0.0	*0.0*
economics	0.9	2.2	1.0	0.3	0.5	0.6	0.9	0.0	0.0	0.0	*0.0*
ethnic studies	0.2	0.3	0.0	0.0	0.5	0.8	0.6	0.2	0.0	0.0	*0.0*
geography	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
political science	2.8	3.5	6.2	0.8	3.1	3.5	2.0	3.1	0.9	1.1	*0.0*
psychology	7.5	6.5	6.6	8.8	7.4	7.5	12.6	4.7	5.6	5.7	*4.4*
social work	4.3	2.8	3.8	5.3	4.7	3.9	0.4	8.1	5.9	6.7	*0.0*
sociology	0.9	0.7	0.4	1.0	1.2	1.8	1.1	0.4	1.4	1.6	*0.0*
women's studies	0.1	0.2	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
other social science	0.7	0.9	1.1	0.5	0.4	0.0	0.5	1.1	0.0	0.0	*0.0*
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
data processing or computer prog	0.1	0.0	0.3	0.0	0.3	0.0	1.6	0.0	0.0	0.0	*0.0*
drafting or design	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
electronics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other technical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.2	*0.0*
Other											
agriculture	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
communications	1.0	1.4	0.7	0.7	1.3	1.1	0.9	1.6	0.9	1.0	*0.0*
computer science	0.6	0.0	0.0	1.2	0.6	0.2	0.3	1.4	0.0	0.0	*0.0*
forestry	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.0	0.0	*0.0*
law enforcement	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
military science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other field	1.2	1.2	1.4	0.7	1.6	1.9	0.9	1.7	0.1	0.0	*0.9*
undecided	4.9	5.3	2.6	5.7	4.4	6.4	2.0	2.8	4.0	4.3	*2.6*

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Socializing with Friends											
none	0.1	0.0	0.0	0.0	0.2	0.3	0.3	0.0	2.1	2.4	0.0
less than one	1.3	0.7	0.0	1.8	1.5	2.6	0.5	0.6	0.0	0.0	0.0
1 to 2	2.8	4.0	1.1	1.7	3.3	3.6	2.6	3.1	6.2	6.1	6.9
3 to 5	12.5	11.9	14.1	10.8	14.6	14.9	13.2	14.9	14.0	14.5	10.8
6 to 10	25.4	30.7	24.6	21.8	24.8	22.8	29.9	25.0	29.8	27.2	45.6
11 to 15	20.8	15.7	23.4	24.7	20.4	21.7	16.9	20.6	13.5	13.4	13.8
16 to 20	17.7	21.2	18.8	17.6	14.0	11.3	15.5	17.0	14.1	15.5	5.4
more than 20	19.5	15.8	18.0	21.5	21.2	22.9	21.1	18.8	20.3	20.8	17.5
Exercising or Sports											
none	4.2	3.5	3.9	3.4	5.9	8.5	3.1	3.9	5.0	5.1	4.3
less than one	12.3	11.2	10.5	13.3	12.7	14.2	12.9	10.5	8.7	8.8	7.7
1 to 2	17.3	16.1	20.1	17.2	17.7	16.3	17.8	19.5	21.7	22.7	15.6
3 to 5	23.5	22.8	25.2	23.1	24.3	21.9	20.1	30.1	25.9	27.6	14.8
6 to 10	20.2	18.9	15.8	22.6	19.9	22.0	18.2	17.8	18.7	16.3	33.5
11 to 15	12.3	18.1	14.4	8.0	11.2	10.0	14.7	10.8	9.1	9.2	8.5
16 to 20	5.5	5.0	4.9	6.9	4.4	2.5	8.4	4.8	7.7	7.8	7.5
more than 20	4.8	4.5	5.3	5.5	4.0	4.6	4.8	2.7	3.1	2.3	8.1
Partying											
none	11.9	10.2	11.6	9.0	17.3	17.3	13.2	19.6	14.6	15.5	8.7
less than one	10.1	9.6	11.6	8.5	12.2	10.3	10.1	15.9	11.1	10.3	15.8
1 to 2	15.5	16.3	14.8	13.7	17.0	18.5	16.2	15.4	19.2	16.9	32.9
3 to 5	25.2	32.0	29.3	23.2	19.7	19.0	24.8	17.8	25.6	27.0	16.4
6 to 10	16.9	21.7	18.7	12.9	16.5	14.5	21.3	16.6	17.2	18.5	9.3
11 to 15	11.7	6.8	8.0	18.9	8.8	11.3	6.3	6.6	4.0	3.8	5.4
16 to 20	4.1	1.4	3.0	5.7	4.9	3.9	3.1	7.5	5.4	5.3	6.1
more than 20	4.6	1.8	3.0	8.1	3.6	5.2	4.9	0.6	3.0	2.6	5.3
Working (for pay)											
none	25.1	23.9	34.3	17.3	33.1	37.7	24.9	31.0	26.8	28.3	17.8
less than one	2.6	1.3	1.3	4.7	1.8	1.5	0.0	3.2	1.1	0.7	3.5
1 to 2	2.0	2.9	1.7	0.9	2.5	2.8	2.2	2.1	3.1	2.9	4.3
3 to 5	5.0	4.5	6.2	4.3	5.8	5.6	6.7	5.6	6.0	5.2	10.7
6 to 10	10.8	9.8	12.1	11.2	11.0	9.5	11.8	12.6	8.8	9.3	6.3
11 to 15	19.8	23.4	22.2	22.6	12.2	12.5	14.4	10.5	12.9	14.4	4.1
16 to 20	17.3	14.8	13.9	20.2	17.0	14.7	20.7	18.4	17.9	19.1	10.8
more than 20	17.5	19.4	8.3	18.8	16.6	15.5	19.4	16.6	23.4	20.2	42.5
Student Clubs and Groups											
none	19.8	16.8	14.8	25.4	17.1	21.5	14.2	12.4	25.6	21.9	48.1
less than one	11.0	9.4	9.4	13.3	10.1	9.0	8.2	12.9	12.8	13.5	8.0
1 to 2	26.3	28.6	18.5	26.3	26.3	23.5	26.4	30.3	21.6	22.0	19.2
3 to 5	23.2	22.6	30.2	21.4	24.3	24.1	32.2	20.2	21.9	22.4	18.5
6 to 10	11.4	11.3	16.3	9.1	12.8	12.7	11.2	13.9	8.2	9.3	1.4
11 to 15	4.2	4.9	6.2	2.0	5.8	5.8	4.3	6.5	7.3	8.1	2.5
16 to 20	2.3	4.2	3.0	0.7	2.3	2.6	1.5	2.4	1.4	1.6	0.0
more than 20	1.7	2.2	1.7	1.8	1.3	0.9	2.0	1.4	1.3	1.2	2.3

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1987)											
Watching TV											
none	5.9	4.4	6.5	7.0	6.0	7.6	6.5	3.3	4.8	5.3	1.3
less than one	16.0	24.0	16.1	12.7	12.3	12.6	12.9	11.6	9.7	8.6	16.6
1 to 2	25.8	20.9	22.8	30.2	26.2	23.3	23.5	31.9	24.6	26.0	16.4
3 to 5	27.5	23.2	35.5	24.3	33.4	34.5	32.9	32.1	32.1	30.6	41.6
6 to 10	14.7	18.2	13.0	13.8	12.8	12.7	16.3	10.9	15.8	16.4	12.6
11 to 15	6.3	6.1	3.5	7.7	5.4	5.2	2.8	7.2	6.4	6.3	7.5
16 to 20	1.4	1.3	1.3	1.4	1.6	1.8	3.1	0.4	4.6	4.9	2.2
more than 20	2.4	1.9	1.4	2.9	2.4	2.3	2.0	2.7	2.0	2.0	1.9
Hobbies											
none	11.9	12.3	8.7	12.2	12.1	15.3	7.7	10.0	15.9	17.2	7.9
less than one	14.5	22.9	11.8	9.8	12.7	10.8	16.1	13.5	9.0	9.0	8.8
1 to 2	25.6	22.8	31.7	26.0	26.3	27.1	28.5	24.0	23.7	24.6	18.1
3 to 5	23.8	24.6	23.7	19.8	28.0	27.4	24.9	30.7	27.1	27.5	24.4
6 to 10	15.3	11.3	17.3	20.1	12.6	9.9	15.0	15.1	11.1	11.0	11.5
11 to 15	5.3	3.3	4.1	7.8	4.6	5.1	3.7	4.3	7.6	4.7	25.3
16 to 20	1.5	1.4	1.5	1.1	2.0	2.5	3.2	0.5	4.2	4.3	3.5
more than 20	2.0	1.3	1.1	3.1	1.7	1.9	0.9	1.9	1.5	1.6	0.7
Studying or Doing Homework											
none	0.3	0.2	0.0	0.4	0.3	0.4	0.4	0.2	0.5	0.6	0.0
less than one	4.4	2.7	5.2	6.7	3.1	3.4	4.0	2.2	5.5	5.9	2.8
1 to 2	11.6	10.3	7.9	12.9	12.2	12.7	12.4	11.4	16.5	16.8	15.2
3 to 5	31.2	27.1	18.5	39.8	28.1	22.8	28.7	35.3	31.7	27.3	58.8
6 to 10	26.5	25.2	26.5	25.1	29.5	27.0	29.9	32.8	25.7	28.2	10.7
11 to 15	15.6	23.9	23.3	9.7	12.7	15.3	12.9	8.7	13.6	14.2	9.9
16 to 20	6.7	5.4	10.9	3.4	10.9	14.6	7.5	7.4	5.3	5.8	2.0
more than 20	3.7	5.3	7.6	2.0	3.2	3.8	4.2	2.0	1.1	1.2	0.7
Talking w/Teacher Outside Class											
none	3.7	2.3	1.9	5.9	2.8	3.5	2.3	2.1	6.8	7.3	3.4
less than one	39.2	38.9	30.6	45.7	33.8	30.9	34.5	37.5	42.6	45.1	27.2
1 to 2	32.2	37.3	32.5	25.3	35.2	31.9	37.4	38.8	23.1	23.4	20.9
3 to 5	19.2	16.2	27.8	18.9	20.0	23.7	15.7	17.2	15.6	15.7	15.2
6 to 10	3.7	3.6	5.8	2.0	5.2	5.8	6.0	3.8	6.9	3.8	26.0
11 to 15	1.1	0.5	0.8	1.4	1.3	1.4	2.3	0.5	1.8	1.0	6.4
16 to 20	0.7	0.6	0.3	0.4	1.3	2.4	1.0	0.0	0.0	0.0	0.0
more than 20	0.4	0.5	0.2	0.4	0.4	0.5	0.9	0.1	3.2	3.6	0.8

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.6	0.5	0.0	0.4	1.0	2.0	0.0	0.2	1.8	2.1	0.0
less than one	1.1	1.1	0.0	1.1	1.6	1.3	1.6	1.8	2.4	2.0	4.8
1 to 2	4.1	4.7	4.0	2.9	5.3	6.5	4.9	3.8	9.1	6.1	27.8
3 to 5	16.6	19.1	12.7	18.0	13.5	10.8	14.7	16.8	21.3	22.8	12.3
6 to 10	23.3	25.1	24.0	22.5	22.2	24.2	21.4	19.7	24.5	26.1	14.3
11 to 15	20.7	22.8	23.9	19.5	19.1	20.0	16.2	19.3	15.5	15.5	15.5
16 to 20	15.5	10.8	13.4	20.3	14.9	14.0	16.9	15.0	10.1	10.5	8.0
more than 20	18.0	15.8	22.0	15.3	22.5	21.2	24.4	23.3	15.2	14.9	17.3
Exercising or Sports											
none	4.7	4.7	3.4	5.5	3.9	5.0	3.7	2.5	3.9	4.4	1.0
less than one	11.6	9.2	8.7	13.1	13.0	14.8	9.9	12.2	18.0	15.3	34.9
1 to 2	23.1	27.1	18.2	20.7	23.6	25.0	19.8	23.7	26.6	28.3	15.3
3 to 5	33.3	30.8	36.8	36.6	30.6	30.2	31.9	30.3	26.2	27.8	15.9
6 to 10	17.3	15.5	20.5	16.9	18.8	15.0	22.1	22.3	17.8	17.6	19.1
11 to 15	4.0	3.7	6.1	2.9	5.3	5.7	4.6	5.0	5.0	4.3	9.8
16 to 20	1.8	1.8	1.9	1.5	2.3	1.8	4.7	1.8	1.1	0.7	3.2
more than 20	4.1	7.2	4.4	2.7	2.6	2.6	3.3	2.2	1.5	1.6	0.8
Reading for Pleasure											
none	16.3	19.8	10.6	15.4	15.5	15.2	12.9	17.3	15.6	16.5	10.2
less than one	29.5	37.2	28.1	23.7	29.5	29.3	29.0	30.0	26.9	23.8	46.1
1 to 2	23.7	20.8	27.3	22.3	27.5	29.1	27.6	25.3	21.0	21.1	20.2
3 to 5	18.0	14.2	22.5	22.0	15.4	14.8	16.9	15.4	18.8	19.4	14.7
6 to 10	7.8	3.9	8.3	11.4	7.0	5.2	9.6	8.2	11.6	12.3	7.4
11 to 15	3.2	1.4	1.8	5.0	3.2	3.2	3.4	2.9	3.4	3.8	0.8
16 to 20	0.8	1.8	0.9	0.0	0.8	0.9	0.4	0.8	0.7	0.8	0.0
more than 20	0.6	0.9	0.5	0.1	1.1	2.1	0.3	0.2	2.0	2.2	0.7
Using a Personal Computer											
none	14.5	14.7	6.8	17.3	12.6	11.7	10.7	14.8	20.8	22.3	11.7
less than one	13.8	14.5	13.5	14.1	13.0	11.3	13.7	15.1	18.5	18.8	16.5
1 to 2	21.8	24.5	13.7	25.6	16.5	16.1	15.4	17.8	10.1	9.9	11.4
3 to 5	21.1	21.9	27.8	16.0	25.1	22.5	21.9	30.6	18.5	19.0	15.8
6 to 10	12.6	13.4	20.5	9.2	13.9	14.9	17.7	10.3	10.0	10.5	6.8
11 to 15	6.1	5.3	10.7	5.0	7.0	6.9	9.2	6.0	4.8	4.6	6.0
16 to 20	4.3	3.1	2.8	5.7	4.1	5.5	3.4	2.3	5.2	5.8	1.2
more than 20	5.8	2.6	4.2	7.1	7.9	11.1	8.0	3.1	12.1	9.1	30.6
Partying											
none	13.3	12.6	11.2	10.9	17.7	17.6	12.9	20.4	21.1	18.6	36.2
less than one	12.6	10.9	12.3	11.0	16.3	13.5	14.6	21.2	11.1	10.7	13.2
1 to 2	17.1	19.4	16.3	18.0	14.0	16.4	13.4	10.9	15.9	16.1	14.1
3 to 5	22.7	28.1	21.0	21.2	19.7	19.5	21.7	18.7	25.1	26.4	17.5
6 to 10	19.2	16.9	26.3	22.3	15.4	16.2	17.5	13.1	14.1	15.6	4.9
11 to 15	7.3	6.7	9.0	5.4	9.7	10.4	12.0	7.3	9.8	10.0	8.5
16 to 20	6.0	3.6	1.7	9.3	5.1	3.5	5.0	7.4	2.6	2.1	5.7
more than 20	1.9	1.8	2.2	1.7	2.2	2.9	2.7	1.0	0.4	0.4	0.0

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ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	17.6	18.2	23.2	16.3	17.1	21.2	10.7	15.1	22.3	23.5	15.0
less than one	1.2	1.0	2.6	0.7	1.7	2.4	1.0	1.1	1.2	0.6	4.5
1 to 2	1.5	1.9	3.5	0.8	1.6	1.7	0.9	1.8	1.9	2.2	0.0
3 to 5	6.5	5.5	8.9	4.2	9.8	7.1	9.0	13.9	4.9	5.3	2.8
6 to 10	15.7	15.5	15.2	12.8	19.8	22.1	15.5	19.0	6.4	6.6	5.4
11 to 15	13.7	10.9	16.9	15.3	13.7	12.0	18.0	13.6	10.0	10.9	4.8
16 to 20	17.4	21.7	15.0	16.1	15.2	13.4	18.2	16.0	15.2	16.2	8.7
more than 20	26.4	25.4	14.7	33.8	21.2	20.1	26.8	19.5	38.0	34.7	58.8
Clubs or Groups											
none	31.4	30.9	20.8	36.4	28.1	31.6	24.4	25.2	50.1	49.1	56.7
less than one	11.4	7.7	10.7	12.2	14.4	14.0	15.3	14.5	11.3	12.1	6.6
1 to 2	21.0	17.4	23.8	23.5	20.5	17.8	27.2	20.7	19.4	20.0	15.3
3 to 5	21.2	25.5	24.4	16.3	22.4	20.9	17.9	27.1	11.2	12.2	5.2
6 to 10	8.4	10.6	9.9	6.7	8.0	8.6	7.5	7.3	3.8	3.8	3.4
11 to 15	3.9	4.0	7.5	3.0	4.1	4.3	4.8	3.5	3.1	1.5	12.8
16 to 20	1.4	2.1	1.8	1.2	0.9	0.9	0.7	1.1	0.3	0.3	0.0
more than 20	1.3	1.8	1.1	0.7	1.5	1.8	2.1	0.7	0.8	0.9	0.0
Watching TV											
none	5.4	5.7	10.4	2.8	7.3	9.3	4.6	6.1	0.7	0.6	1.3
less than one	11.0	9.4	11.8	8.4	15.7	14.0	14.1	18.9	8.1	8.8	3.8
1 to 2	20.9	18.3	21.4	21.5	22.7	21.6	22.1	24.5	17.4	17.5	17.2
3 to 5	29.1	29.3	29.2	31.7	25.7	24.6	26.2	26.9	24.7	25.8	17.3
6 to 10	21.2	24.1	14.3	22.8	18.0	20.7	20.1	13.0	29.9	28.0	41.8
11 to 15	6.6	6.8	9.2	6.1	6.4	5.0	7.3	8.0	10.4	10.5	9.2
16 to 20	2.4	2.6	2.9	2.7	1.8	1.7	4.2	0.8	4.3	4.8	1.2
more than 20	3.3	3.9	0.8	4.0	2.4	3.1	1.4	1.8	4.5	4.0	8.1
Commuting											
none	37.3	35.3	41.1	34.0	42.7	40.7	36.2	49.1	28.4	30.5	15.5
less than one	15.8	18.2	24.1	12.1	15.7	13.6	14.6	19.4	10.9	11.8	5.4
1 to 2	16.9	18.7	15.1	17.2	15.3	19.5	14.9	9.4	17.2	17.3	16.9
3 to 5	13.5	15.2	11.2	13.9	11.7	11.5	12.7	11.6	23.0	22.9	23.4
6 to 10	9.9	8.6	7.6	12.3	8.7	7.7	14.0	7.3	12.3	9.5	30.1
11 to 15	3.6	2.6	0.6	6.0	2.3	2.9	2.1	1.7	5.1	5.0	5.3
16 to 20	1.7	0.4	0.2	3.2	1.5	1.9	3.4	0.0	1.2	1.4	0.0
more than 20	1.3	1.1	0.0	1.3	2.1	2.3	2.2	1.7	1.9	1.7	3.4
Religious Services or Meetings											
none	37.6	43.9	43.3	37.3	29.8	35.0	21.0	27.4	33.6	37.0	12.2
less than one	23.6	26.5	24.4	21.8	22.9	23.1	26.4	20.5	25.8	25.8	25.6
1 to 2	28.3	22.8	26.6	30.2	31.7	25.4	45.7	32.9	28.2	25.5	44.9
3 to 5	7.1	5.4	4.8	5.0	12.3	13.2	5.8	14.6	9.7	8.9	14.6
6 to 10	2.7	0.9	0.9	4.5	2.8	2.7	0.7	4.2	2.7	2.7	2.5
11 to 15	0.2	0.2	0.0	0.2	0.4	0.5	0.0	0.4	0.0	0.0	0.0
16 to 20	0.2	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2
more than 20	0.2	0.2	0.0	0.5	0.1	0.1	0.4	0.0	0.0	0.0	0.0

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	22.9	28.8	20.0	20.5	20.8	21.6	18.3	21.0	18.9	21.1	5.3
less than one	23.8	21.9	24.0	23.7	25.9	21.6	31.1	29.2	21.6	21.8	20.1
1 to 2	27.6	29.8	24.6	26.4	27.9	29.5	24.9	27.3	31.4	32.7	23.2
3 to 5	16.5	11.9	25.0	18.3	16.6	15.4	16.9	18.1	20.0	16.0	45.0
6 to 10	6.4	4.5	4.9	9.8	4.4	5.1	5.2	3.0	4.0	4.1	3.6
11 to 15	1.2	2.6	1.1	0.1	1.2	0.6	3.0	1.0	2.3	2.2	2.8
16 to 20	0.8	0.0	0.0	0.3	2.5	5.2	0.2	0.0	1.1	1.2	0.0
more than 20	0.7	0.4	0.4	0.9	0.7	1.0	0.4	0.5	0.7	0.8	0.0
Classes or Labs											
none	5.1	2.5	2.1	5.9	7.4	8.3	4.8	7.7	23.2	25.1	11.3
less than one	1.1	0.4	0.3	2.4	0.2	0.1	1.0	0.0	3.4	0.3	22.6
1 to 2	0.9	0.7	0.0	1.3	0.9	1.1	0.5	0.8	2.2	2.3	1.1
3 to 5	3.8	4.9	3.4	3.5	3.1	2.6	3.8	3.4	3.5	2.3	11.1
6 to 10	13.1	8.6	22.4	12.6	15.6	17.7	11.5	14.9	12.6	13.4	7.4
11 to 15	34.1	40.0	35.8	34.1	27.7	22.6	33.4	31.6	22.7	22.1	26.5
16 to 20	27.3	29.1	28.5	25.8	27.2	26.7	31.1	25.6	17.9	19.4	8.4
more than 20	14.7	13.8	7.5	14.4	17.9	20.8	13.9	16.1	14.6	15.1	11.6
Studying or Doing Homework											
none	4.7	2.6	1.6	5.7	6.3	7.2	3.1	6.7	18.1	19.3	10.6
less than one	0.5	0.5	0.7	0.4	0.6	0.4	0.7	0.8	6.8	4.1	23.4
1 to 2	3.7	4.1	2.3	4.3	3.0	3.1	3.1	2.7	3.5	2.9	7.4
3 to 5	16.1	12.9	12.2	22.8	11.8	12.6	9.1	12.1	13.6	13.4	14.6
6 to 10	26.6	28.1	24.8	26.6	25.6	25.2	29.1	24.4	21.3	21.6	19.6
11 to 15	19.8	20.4	22.3	17.2	22.0	21.5	25.0	21.1	15.4	15.8	12.4
16 to 20	15.0	18.5	20.1	11.5	14.5	10.8	15.2	19.4	11.9	12.3	9.5
more than 20	13.5	12.9	16.0	11.5	16.2	19.2	14.7	12.8	9.5	10.7	2.4
Talking w/Faculty Outside Class											
none	14.1	15.7	9.4	16.3	10.7	11.5	11.5	9.3	38.4	37.9	41.3
less than one	44.6	47.6	49.1	46.7	37.4	33.8	37.8	42.2	36.2	38.3	23.0
1 to 2	31.0	29.9	29.3	29.8	34.2	34.2	34.0	34.3	20.1	19.4	24.7
3 to 5	8.0	5.8	11.7	5.5	12.4	11.9	14.0	12.2	2.9	2.6	4.3
6 to 10	1.8	0.6	0.6	1.5	3.9	6.6	1.5	1.5	2.2	1.5	6.7
11 to 15	0.3	0.0	0.0	0.2	0.7	0.9	1.1	0.2	0.3	0.4	0.0
16 to 20	0.1	0.0	0.0	0.0	0.4	0.7	0.0	0.3	0.0	0.0	0.0
more than 20	0.2	0.4	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0

1991 FOLLOW-UP OF 1987 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	5.8	7.2	7.4	6.1	3.3	4.0	2.1	3.1	3.5	3.0	7.0
one	20.9	18.2	13.1	28.5	15.8	19.8	13.3	11.5	25.9	24.5	34.3
more than one	73.4	74.6	79.4	65.4	80.8	76.2	84.6	85.4	70.6	72.5	58.7
Emotional Support/Encouragement											
none	20.5	25.4	18.2	25.2	10.2	13.0	8.5	7.3	18.8	19.8	12.8
one	22.3	23.1	26.7	25.0	16.7	15.4	15.2	19.4	32.3	31.5	37.6
more than one	57.2	51.5	55.2	49.9	73.0	71.6	76.3	73.3	48.9	48.8	49.6
Sponsorship for Special Programs											
none	44.6	51.0	36.9	52.2	30.6	29.2	39.6	27.6	61.6	62.8	54.0
one	25.4	27.0	24.1	23.9	26.0	29.9	26.0	20.4	20.1	19.5	23.6
more than one	30.1	22.1	39.0	24.0	43.4	41.0	34.4	51.9	18.4	17.7	22.3
Letter of Recommendation for Job											
none	23.0	23.2	11.3	31.4	15.2	14.3	17.6	15.3	24.0	24.5	20.5
one	16.4	23.7	14.0	15.6	10.7	13.1	9.9	7.7	28.2	27.3	33.2
more than one	60.6	53.1	74.6	53.0	74.1	72.6	72.5	77.1	47.9	48.1	46.3
Help Cutting Through "Red Tape"											
none	39.2	42.0	38.3	44.9	29.3	30.5	33.6	25.2	46.2	45.3	52.2
one	25.0	30.7	26.6	22.2	22.5	20.3	23.6	24.8	31.1	31.7	27.1
more than one	35.8	27.3	35.1	32.8	48.2	49.2	42.8	50.0	22.7	23.0	20.7
Tutorial Assist in Study Skills											
none	29.1	35.5	41.1	27.7	21.0	23.2	22.9	16.7	26.1	26.9	21.3
one	22.9	23.7	16.1	24.7	21.8	19.1	18.7	27.3	29.3	29.0	30.9
more than one	48.0	40.8	42.8	47.6	57.3	57.7	58.3	56.0	44.6	44.1	47.8
Honest Feedback About Skills											
none	13.0	16.3	10.5	14.8	8.2	9.8	6.5	6.9	15.0	16.1	7.9
one	18.6	20.0	22.2	21.0	13.3	13.4	16.0	11.5	24.2	26.3	11.7
more than one	68.4	63.8	67.2	64.2	78.5	76.8	77.5	81.6	60.8	57.6	80.4
Intellect Challenge/Stimulation											
none	9.0	10.0	3.7	11.5	6.3	6.9	5.8	5.7	17.4	18.7	9.6
one	15.1	13.5	8.3	22.8	8.7	8.4	12.1	7.3	20.8	22.3	11.7
more than one	75.9	76.5	88.0	65.7	85.0	84.7	82.1	87.0	61.8	59.0	78.7
Role Model											
none	22.8	25.8	22.4	26.4	15.5	16.8	14.9	14.1	22.6	24.1	13.6
one	22.7	24.6	20.0	24.3	19.4	18.4	23.5	18.4	36.0	35.4	39.6
more than one	54.5	49.7	57.6	49.4	65.1	64.8	61.6	67.5	41.4	40.5	46.9

National Normative Data
for
1989 Freshmen

Two Years After College Entry

NOTES FOR 1991 FOLLOW-UP OF 1989

1) More than one response permitted. Total may sum to more than 100 percent.

2) Students responding "don't know, can't rate" not included.

3) Students indicating no time off taken not included.

4) Frequently only, all others frequently plus occasionally.

5) Derived from various questions in the Follow-up Survey. All others from question #2 (activities since entering college).

6) Disaggregated responses for this item can be found at the end of the report.

7) Reorganization of this item from a longer list is shown in The American College Student.

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Year Graduated from High School											
1989	97.2	98.1	98.6	95.6	97.8	97.6	99.1	97.4	87.2	86.3	95.1
1988	1.4	1.3	0.9	1.7	1.4	1.7	0.6	1.5	6.2	6.6	2.9
1987	0.4	0.1	0.0	0.9	0.0	0.0	0.0	0.1	0.5	0.5	1.3
1986 or earlier	0.8	0.3	0.5	1.3	0.6	0.5	0.2	1.0	2.5	2.8	0.4
H.S. equivalency (G.E.D. test)	0.3	0.1	0.0	0.5	0.1	0.2	0.0	0.0	3.3	3.7	0.3
never completed high school	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
Age on December 31, 1991											
18 or younger	0.1	0.0	0.4	0.0	0.2	0.1	0.0	0.6	0.1	0.1	0.0
19	2.2	2.3	2.7	2.0	2.0	2.9	1.5	1.1	1.8	1.7	2.1
20	74.7	75.6	74.8	74.7	73.5	76.7	77.0	66.7	72.3	71.5	78.3
21	20.6	20.9	21.1	19.0	22.4	19.1	19.7	28.8	17.3	17.2	18.0
22	1.6	0.8	0.5	2.9	1.0	0.5	1.3	1.6	5.3	5.8	1.3
23 to 26	0.3	0.2	0.0	0.5	0.3	0.3	0.2	0.4	1.5	1.7	0.0
27 to 31	0.1	0.0	0.0	0.2	0.2	0.2	0.0	0.3	0.5	0.6	0.0
32 to 41	0.3	0.2	0.5	0.4	0.2	0.2	0.0	0.1	0.8	0.9	0.4
42 to 56	0.2	0.0	0.0	0.4	0.1	0.0	0.2	0.3	0.5	0.6	0.0
57 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)											
White/Caucasian	82.8	85.8	81.7	79.3	84.5	77.3	90.7	92.0	84.6	84.0	89.6
African-American/Black	10.2	5.7	6.6	14.8	10.3	16.9	3.3	4.2	2.7	1.8	10.0
American Indian	0.8	0.7	0.9	0.9	0.7	0.5	0.0	1.3	3.1	3.4	0.7
Asian-American/Oriental	3.6	3.8	7.9	2.9	2.8	3.0	2.1	2.9	1.5	1.5	1.2
Mexican-American/Chicano	1.2	2.2	2.3	0.3	0.9	0.7	1.5	0.9	5.7	6.4	0.0
Puerto Rican-American	0.3	0.4	0.7	0.1	0.4	0.6	0.6	0.0	2.9	3.3	0.0
other	2.4	2.9	2.8	2.5	1.7	2.1	2.3	0.6	2.7	2.7	2.8
Miles from College to Home											
5 or less	4.3	2.6	3.5	6.2	3.9	3.1	6.0	3.7	19.8	20.6	13.6
6 to 10	4.7	3.1	3.8	6.7	4.0	3.6	7.4	2.6	13.8	14.8	5.9
11 to 50	22.5	21.6	15.4	28.3	18.1	17.6	23.7	15.8	36.4	38.8	17.3
51 to 100	17.0	18.3	9.0	19.4	14.9	11.6	15.2	19.8	14.4	13.9	18.0
101 to 500	38.8	45.8	39.4	34.0	37.2	33.1	35.2	44.6	12.9	11.1	27.1
more than 500	12.8	8.6	28.9	5.4	22.0	31.1	12.5	13.4	2.6	0.8	18.2
Took Credit Courses at Freshman College Before Enrollment											
no	96.5	97.1	96.7	95.7	97.0	97.4	97.7	96.2	94.7	94.5	95.7
yes	3.5	2.9	3.3	4.3	3.0	2.6	2.3	3.8	5.3	5.5	4.3
Status of Parents in 1989											
together	72.5	75.5	78.8	67.8	73.4	68.9	77.6	77.8	73.5	74.4	65.9
divorced or separated	23.1	22.0	17.0	26.4	22.1	25.9	17.6	18.9	21.9	20.8	31.1
one or both deceased	4.3	2.5	4.2	5.8	4.5	5.1	4.8	3.3	4.6	4.8	3.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Average High School Grade											
A or A+	14.1	16.1	27.7	9.3	13.9	12.9	9.2	17.8	5.6	5.8	3.9
A-	16.7	18.5	26.3	12.8	16.7	15.4	15.8	19.0	6.4	6.5	5.5
B+	19.7	21.2	24.2	17.2	19.7	19.2	21.6	19.3	15.7	16.4	10.6
B	25.1	27.0	16.5	28.4	21.5	21.9	24.7	19.2	30.7	32.1	18.8
B-	11.7	9.9	4.0	14.1	13.2	14.2	15.0	10.7	17.8	17.4	21.1
C+	8.6	4.6	0.8	11.9	11.3	11.9	8.8	11.7	16.5	16.4	18.0
C	4.1	2.7	0.5	6.3	3.8	4.4	4.9	2.3	7.0	5.3	21.1
D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	1.0
Average Undergraduate Grade											
A	6.6	6.4	10.1	5.7	7.0	4.9	6.8	10.2	3.5	3.2	6.3
B+,A-	23.7	21.5	35.7	20.2	26.8	26.1	26.2	28.1	16.2	16.4	15.3
B	32.0	32.8	32.4	31.1	32.2	32.1	32.3	32.2	28.4	28.9	24.8
C+,B-	24.0	26.3	16.1	26.1	21.3	20.4	21.4	22.5	28.6	28.3	31.1
C	11.9	11.5	5.4	14.7	10.6	13.1	12.1	6.2	17.0	16.7	19.3
C- or less	1.8	1.5	0.4	2.2	2.2	3.4	1.2	0.8	6.2	6.5	3.3
Degree Aspirations in 1989											
none	0.7	0.1	0.3	1.4	0.4	0.4	0.4	0.5	3.1	3.3	1.7
vocational certificate	0.2	0.3	0.0	0.3	0.1	0.2	0.0	0.0	7.7	8.5	0.9
associate (AA or equivalent)	0.6	0.5	0.0	1.0	0.5	0.7	0.1	0.4	12.9	13.9	4.4
bachelor's (BA, BS)	27.0	25.5	17.0	32.7	24.7	22.8	27.0	26.2	37.3	38.1	30.3
master's (MA, MS)	40.9	39.9	39.7	43.3	39.3	38.9	43.4	37.8	24.9	22.7	42.8
PhD or EdD	16.1	18.3	17.8	12.0	18.4	20.2	12.5	18.8	4.9	4.7	6.9
MD, DO, DDS, DVM	6.6	7.2	12.6	4.1	7.5	7.8	6.4	7.5	2.5	1.9	7.7
LLB or JD (law)	6.3	7.2	11.4	4.0	6.5	6.9	7.5	5.4	5.6	6.3	0.4
BD or MDiv (divinity)	0.4	0.3	0.7	0.3	0.7	0.2	0.3	1.8	0.0	0.0	0.0
other	1.1	0.8	0.5	1.0	1.9	1.9	2.3	1.6	1.1	0.7	4.9
Highest Degree Earned by 1991											
none	92.4	93.0	94.2	92.8	90.7	90.5	89.0	91.9	70.7	72.5	57.7
vocational certificate	1.3	0.9	0.4	1.9	1.3	1.9	0.4	1.1	2.6	3.0	0.0
associate (AA or equivalent)	4.9	4.9	4.0	4.3	6.1	5.9	8.5	5.1	24.2	22.1	39.9
bachelor's (BA, BS, etc.)	0.6	0.5	0.6	0.3	1.0	0.6	1.2	1.4	1.3	1.2	1.9
master's (MA, MS, etc.)	0.0	0.0	0.2	0.0	0.1	0.0	0.1	0.1	0.2	0.3	0.0
Ph D or Ed D	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.2	0.0
BD or MDiv (divinity)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other	0.7	0.7	0.6	0.7	0.8	1.2	0.6	0.3	0.8	0.9	0.0
Degree Aspirations in 1991											
none	2.1	0.8	0.7	3.8	2.0	2.3	2.1	1.4	9.0	9.4	5.8
vocational certificate	0.2	0.0	0.0	0.5	0.1	0.1	0.2	0.0	1.2	1.2	1.7
associate (AA or equivalent)	1.2	1.0	0.3	1.8	0.9	1.2	0.6	0.8	10.9	11.3	7.3
bachelor's (BA, BS, etc.)	35.0	34.6	25.5	39.4	33.0	31.6	36.5	33.1	40.6	41.5	33.1
master's (MA, MS, etc.)	37.6	39.8	33.2	38.1	35.8	35.6	33.7	37.2	28.3	26.9	40.4
Ph D or Ed D	11.9	11.0	15.4	9.0	15.5	16.8	14.7	14.1	5.1	5.0	6.0
MD, DO, DDS, DVM	4.7	5.4	10.6	2.6	4.7	4.9	3.5	5.0	1.5	1.3	2.8
JD or LLB (law)	6.1	6.4	12.3	3.5	6.9	6.4	7.4	7.4	2.5	2.7	1.0
BD or MDiv (divinity)	0.2	0.1	1.2	0.0	0.3	0.2	0.4	0.4	0.2	0.2	0.0
other	1.0	1.0	0.8	1.2	0.8	0.9	0.9	0.5	0.6	0.5	2.0

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Freshman College was Student's											
first choice	69.8	71.4	70.8	67.3	70.9	70.9	64.1	74.8	71.1	71.4	67.9
second choice	22.0	21.1	22.2	23.1	21.4	21.5	28.0	17.7	19.2	19.6	15.7
third choice	5.4	5.3	4.3	6.0	5.3	5.4	5.7	4.8	4.8	4.8	4.7
less than third choice	2.8	2.3	2.7	3.6	2.4	2.2	2.1	2.8	4.9	4.1	11.7
College Experiences Noted Very Satisfactory or Satisfactory (2)											
science and mathematics courses	64.7	63.5	65.7	63.3	67.6	67.5	64.4	69.6	65.0	64.6	68.2
humanities courses	73.1	73.1	78.4	71.4	73.7	72.6	77.3	73.3	64.6	63.3	74.1
social science courses	72.2	73.0	77.1	71.4	70.5	70.4	74.0	68.8	64.5	62.9	76.5
courses in major field	83.6	84.1	88.1	81.6	84.0	84.2	85.5	83.1	77.4	78.6	67.0
relevance of coursework to life	56.3	49.5	59.8	55.5	63.9	62.5	63.3	66.4	58.6	58.5	59.9
overall quality of instruction	73.9	63.6	82.9	74.1	82.2	81.6	79.7	84.4	72.5	72.2	75.2
lab facilities and equipment	64.7	69.1	70.5	62.9	60.3	61.6	60.0	58.6	67.6	68.6	60.4
library facilities	70.6	86.1	67.8	66.5	59.8	57.8	60.4	62.5	66.9	67.7	60.2
computer facilities	73.8	74.4	77.9	76.3	68.5	66.4	70.1	70.9	79.1	80.9	65.5
oppty for interdisciplin courses	54.0	52.5	59.0	50.1	58.4	59.3	57.8	57.5	37.4	37.4	37.4
oppty to talk to professors	74.7	63.0	78.2	74.7	86.3	83.7	85.6	90.6	74.3	73.3	82.7
oppty for extracurr activities	76.6	76.8	81.5	73.7	78.5	75.3	77.3	83.8	60.3	57.4	82.0
campus social life	65.2	74.6	62.1	61.3	61.0	58.1	63.7	63.9	57.9	57.2	63.1
academic tutoring or assistance	64.8	56.3	68.4	65.3	72.3	69.6	74.4	75.7	72.0	71.9	72.7
academic advising	53.8	44.8	53.6	53.4	64.4	61.4	67.5	67.0	51.8	49.7	68.2
career counseling and advising	46.5	38.3	51.3	46.1	54.7	51.3	61.2	56.3	47.3	46.8	51.4
personal counseling	45.7	36.5	50.1	43.9	55.3	54.4	61.9	53.1	53.0	52.5	56.4
student housing	52.1	53.8	57.4	46.1	55.5	53.1	56.6	58.6	49.5	48.5	53.9
financial aid services	40.3	32.9	45.3	40.7	45.1	43.1	47.6	46.4	46.2	45.2	53.3
contact with faculty and admin	56.9	40.0	63.1	58.1	71.4	62.7	77.8	80.9	61.1	58.7	79.3
oppty to attend films,concerts	74.1	80.4	80.4	73.3	66.0	62.1	65.2	72.0	59.1	59.8	54.2
job placement services	47.0	43.6	47.3	46.9	50.6	47.3	48.8	56.6	31.3	29.8	41.3
campus health services	55.9	58.9	50.5	57.1	52.8	54.3	54.3	49.8	56.3	56.8	53.6
class size	72.3	48.7	76.6	79.1	88.2	85.8	89.6	91.0	79.6	78.4	89.4
interaction with other students	81.4	77.2	80.3	82.8	84.6	82.9	83.5	87.7	81.7	80.8	89.9
ability to find faculty/staff	59.6	46.4	63.2	60.0	71.6	68.2	77.3	73.5	62.7	61.1	74.7
diversity of the faculty	59.0	53.8	63.3	60.1	61.8	57.2	66.4	66.2	61.0	61.0	61.3
leadership opportunities	54.6	53.5	64.9	50.9	57.1	55.0	59.0	59.2	39.5	36.3	61.7
overall college experience	76.3	76.8	82.3	75.4	75.0	72.8	78.3	76.6	71.6	71.4	73.5
Enroll at Freshman College Again											
definitely yes	34.7	37.0	42.2	30.9	34.6	33.0	32.4	38.1	35.6	36.1	31.3
probably yes	32.5	32.6	32.0	33.4	31.3	31.4	35.3	29.1	27.1	27.9	21.0
don't know	5.5	5.6	4.9	6.1	4.9	5.9	3.9	4.0	2.9	2.8	3.8
probably not	16.8	18.1	12.8	16.9	16.6	16.2	15.9	17.5	18.9	19.1	17.2
definitely not	10.5	6.7	8.1	12.7	12.6	13.5	12.5	11.3	15.4	14.1	26.8

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Took Time Off, Withdrew or Transferred											
no	73.6	78.0	84.2	69.3	70.8	70.6	73.1	69.7	65.2	67.7	44.7
transferred	16.1	12.8	11.3	17.4	19.5	16.6	20.7	23.2	15.2	12.1	40.6
withdrew	4.6	3.0	2.3	6.0	5.2	7.2	2.6	3.5	13.5	14.0	9.5
leave of absence	5.8	6.2	2.2	7.3	4.5	5.6	3.5	3.6	6.1	6.2	5.2
Reasons Noted as Very Important for Taking Time Off (3)											
reconsider goals and interests	43.1	38.2	34.6	47.3	43.1	40.1	42.2	48.4	35.5	35.8	34.2
changed career plans	29.2	29.8	27.5	32.2	24.7	24.4	22.9	26.2	32.7	36.3	17.4
wanted practical experience	12.3	11.1	13.2	12.8	12.5	11.4	9.2	15.8	24.6	27.9	10.1
didn't "fit in"	18.2	20.9	31.6	14.5	18.7	20.7	19.5	15.1	12.9	10.3	24.2
was bored with course work	11.3	10.7	7.8	11.6	12.1	12.7	12.7	10.9	15.7	15.5	16.7
wanted better acad reputation	21.7	14.1	6.8	28.9	20.5	18.4	22.7	22.9	29.4	29.0	31.3
wanted better social life	15.0	9.4	17.1	16.5	17.4	15.8	18.1	19.4	13.0	8.2	36.5
wanted to be closer to home	17.2	16.3	26.2	16.2	17.6	15.1	14.0	23.6	9.5	7.8	17.9
had good job offer	5.1	5.3	3.6	6.8	2.7	2.1	1.8	4.0	12.5	14.5	2.6
wasn't doing well academically	25.3	25.1	16.9	24.3	28.3	36.3	20.1	19.6	37.9	41.4	19.2
family responsibilities	12.1	9.8	12.7	17.3	6.7	4.6	11.9	7.3	26.3	30.3	6.6
tired of being student	6.2	9.6	6.1	3.7	6.8	5.3	6.9	9.0	7.2	6.9	8.8
couldn't afford college	25.2	28.2	29.8	21.2	27.5	30.2	34.5	19.3	27.1	29.3	16.1
wanted wider course selection	24.5	6.7	12.8	29.6	34.8	33.1	34.0	38.0	36.0	32.5	53.2
worked on school-related project	1.2	1.3	1.1	1.3	0.9	1.0	0.4	0.9	1.9	1.5	3.8
ENROLLMENT STATUS											
First Year											
attended freshman college	98.7	99.8	100.0	97.5	98.5	98.2	98.0	99.2	94.2	93.8	98.0
attended different college	1.1	0.2	0.0	2.0	1.2	1.6	1.4	0.4	5.1	5.5	2.0
not enrolled	0.3	0.1	0.0	0.5	0.3	0.2	0.5	0.4	0.7	0.7	0.0
Second Year											
attended freshman college	80.2	81.8	85.9	78.2	79.1	80.9	78.1	77.0	70.5	71.9	59.5
attended different college	16.8	14.7	12.9	18.7	18.0	15.8	19.7	20.3	19.5	17.3	36.9
not enrolled	3.0	3.6	1.2	3.0	2.9	3.3	2.1	2.7	10.0	10.8	3.6
Diversity-Related Activities in the Past Year (Reported in 1991)											
dated one of diff eth grp (4)	6.9	8.1	11.0	5.7	5.9	6.3	6.7	4.8	6.3	6.3	6.5
dined w/diff race/eth grp (4)	27.2	27.2	44.6	20.9	29.7	30.1	28.8	29.6	15.6	13.4	33.5
excluded because of ethnicity	12.7	15.7	15.9	11.8	9.7	10.9	9.1	8.1	6.5	5.5	14.3
had roommate of diff ethnic grp	25.1	29.4	36.4	20.3	22.8	23.3	23.4	21.8	13.8	12.9	20.9
heard faculty make inapp remarks	20.2	18.8	18.8	22.9	18.7	19.1	20.4	17.1	18.8	18.4	22.2
insulted/threatened for ethnicty	10.8	12.7	10.9	11.2	8.2	7.7	8.8	8.6	5.0	3.9	13.7
pressed not to soc w/oth eth grp	16.6	19.7	17.1	16.1	13.8	12.6	14.8	15.1	10.1	10.0	10.8
socialized w/diff ethnic grp (4)	48.4	49.0	56.4	43.9	50.9	49.4	54.9	51.1	42.7	41.5	52.1
studied w/diff race/eth grp	67.2	70.7	77.1	60.9	68.4	68.0	71.8	67.1	58.3	56.5	73.1

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Events Considered Very Likely to Occur (Reported in 1989)											
be elected to student office	3.8	3.3	4.6	4.0	3.7	2.8	4.4	4.5	2.6	2.4	4.4
be satisfied with college	53.4	55.6	65.3	47.9	54.1	56.4	47.4	54.4	49.7	49.5	51.8
change career choice	14.1	16.4	15.6	11.8	14.2	13.1	13.5	16.2	7.4	6.9	11.0
change major field	15.1	18.4	15.3	12.6	14.8	12.5	14.5	18.2	7.9	7.5	11.1
drop out permanently	0.6	0.1	0.5	1.1	0.5	0.2	1.2	0.7	1.0	1.1	0.5
drop out temporarily	0.6	0.5	0.5	0.9	0.4	0.4	0.8	0.3	1.2	1.3	0.5
get job to pay expenses	35.4	34.2	36.4	36.8	34.5	33.4	39.3	33.5	32.0	32.3	29.6
get married while in college	4.2	3.8	1.2	4.8	4.7	3.9	4.1	6.2	3.3	3.3	3.7
graduate with honors	15.1	14.8	22.1	12.0	17.2	18.9	14.7	15.9	8.3	7.8	12.0
join social frat or sorority	22.5	23.7	29.6	20.7	21.3	19.9	22.5	22.6	11.8	10.8	19.9
make at least "B" average	45.4	43.4	58.2	42.9	46.5	48.1	45.0	45.1	37.2	37.9	31.4
participate in student protests	7.9	8.1	11.9	6.9	7.7	9.8	6.9	5.0	6.8	6.4	10.2
play varsity athletics	16.7	14.2	13.7	15.3	22.5	20.9	20.3	26.2	13.4	12.2	22.8
transfer to another college	9.2	3.8	2.6	16.0	8.2	5.1	8.7	12.4	17.2	16.2	25.4
work at outside job	18.0	16.1	14.3	22.6	15.0	15.4	19.0	12.3	27.0	28.4	15.2
work full-time while attending	2.1	1.3	1.0	3.3	1.6	1.7	2.4	1.0	3.0	3.0	2.8
Events Occurring Since Entering College											
was elected to student office	14.4	12.4	21.1	12.1	17.3	17.2	15.0	18.7	12.0	10.9	21.4
was satisfied w/freshman coll(5)	75.3	76.0	80.9	74.3	74.1	71.8	76.4	76.3	70.5	70.2	72.8
changed probable career (5)	50.0	52.5	51.0	47.8	50.0	45.3	51.3	55.8	44.4	42.4	60.3
changed major field (5)	48.7	49.6	50.9	46.4	50.0	46.4	46.9	56.9	52.1	51.1	60.8
dropped out permanently (5)	4.5	3.0	2.3	5.8	5.1	7.1	2.6	3.4	13.1	13.6	9.2
dropped out temporarily (5)	5.7	6.1	2.1	7.1	4.5	5.5	3.4	3.5	5.9	6.0	5.0
had part-time job off campus	41.3	42.3	32.0	46.6	36.0	34.0	41.6	35.9	54.2	55.6	42.4
had part-time job on campus	37.6	34.6	43.0	31.7	46.9	44.9	43.8	51.6	25.1	22.8	43.9
gotten married	1.2	0.9	0.6	1.9	1.0	0.6	0.2	1.9	2.5	2.7	1.5
graduated with honors	0.4	0.0	0.7	0.4	0.8	0.9	0.2	1.2	4.1	3.2	11.5
in intercollegiate sports	23.8	20.2	22.6	22.1	30.5	28.3	29.0	34.8	20.1	19.0	29.1
joined a fraternity or sorority	24.6	26.7	34.6	22.3	22.0	20.3	11.3	30.6	6.5	5.5	14.3
got "B" or better average (5)	62.3	60.7	78.1	57.0	65.9	63.1	65.3	70.5	48.2	48.4	46.3
participated in student protests	17.9	21.1	21.1	13.9	18.6	21.7	16.3	15.1	4.1	4.1	3.8
transferred before graduating	15.7	12.5	11.1	16.9	19.2	16.4	20.3	22.9	14.7	11.8	39.3
worked full-time while student	6.9	6.4	2.7	9.9	5.0	5.0	6.8	3.9	11.7	12.2	7.8
Other College Activities											
actively involved in student org	38.9	34.1	54.0	34.8	44.9	43.5	44.9	47.0	25.5	23.4	42.8
attd racial/cultural workshop	19.7	18.6	26.9	15.9	23.6	28.3	17.4	19.8	7.1	6.5	12.4
enrolled in ethnic std course	17.0	18.7	22.7	14.9	16.0	20.7	7.7	13.5	5.6	5.5	6.7
enrolled in honors program	18.9	19.6	27.0	13.5	22.7	23.2	21.2	22.8	9.5	8.7	15.6
enrolled in women's std course	8.5	12.8	9.4	3.6	9.9	10.9	9.2	8.7	3.1	2.7	6.6
faculty took interest in me	41.2	30.1	47.4	38.5	55.2	53.7	50.8	59.7	37.9	36.3	51.4
in college internship program	5.6	4.9	10.0	3.9	7.4	8.5	5.9	6.4	5.3	5.2	6.3
in social/ethnic student org	9.2	10.0	14.3	7.1	9.2	10.7	6.4	8.5	3.5	2.9	9.1
in study abroad program	3.9	2.7	5.9	1.9	7.2	7.2	3.5	9.1	1.5	1.2	3.9
participated in leadership class	13.6	12.7	16.1	12.5	15.5	14.8	13.5	17.6	9.3	7.6	22.8
participated in ROTC	3.8	2.9	4.2	4.7	3.4	5.5	1.0	1.5	1.1	0.9	3.2
served as residence advisor/asst	3.8	2.1	4.7	2.9	6.5	6.8	5.3	6.9	2.8	1.7	12.0
taken remed/develop class	10.9	6.6	3.4	18.4	8.1	8.9	9.6	6.1	25.6	25.3	28.3
worked on prof's research proj	7.0	7.0	10.2	6.1	7.0	6.5	6.6	8.0	9.6	9.9	7.6

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Activities in the Past Year											
Reported in 1989											
attended a religious service	83.7	81.6	83.6	83.2	86.8	81.3	91.2	92.7	86.4	85.9	90.6
been guest in teacher's home	31.9	30.8	33.4	32.2	32.2	30.9	25.1	38.2	25.2	24.7	29.3
did extra work for class (4)	11.9	13.2	13.4	10.8	11.6	12.7	13.0	9.1	6.5	5.3	17.2
didn't complete homework on time	69.1	67.7	69.8	70.5	68.6	71.2	67.5	65.1	66.1	64.6	78.2
drank beer	59.6	63.3	58.7	58.5	57.0	57.3	71.0	48.9	60.9	61.7	53.7
drank wine or liquor	62.1	67.0	62.1	59.4	60.4	60.3	73.0	53.5	58.7	59.5	52.7
felt depressed (4)	8.1	8.5	6.6	7.1	9.4	7.6	9.7	11.9	9.8	8.4	21.2
felt overwhelmed (4)	22.4	24.1	21.9	21.5	21.9	21.3	22.7	22.4	17.2	16.1	26.6
participated in demonstration	36.6	34.9	28.6	39.4	37.5	37.0	38.1	37.9	36.7	35.6	45.8
performed volunteer work	66.9	67.9	77.9	59.6	71.7	68.3	75.5	74.6	56.2	54.3	72.2
smoked cigarettes (4)	7.4	5.3	7.5	9.8	6.6	6.9	11.5	3.4	17.0	17.2	15.2
stayed up all night	79.2	78.3	80.6	79.6	79.3	78.8	81.4	78.9	81.0	81.4	78.1
studied in the library (4)	14.7	16.9	19.7	12.2	13.8	14.3	13.8	13.1	10.0	9.4	15.0
studied with other students	88.5	90.8	90.8	86.5	87.9	87.0	87.3	89.6	81.2	80.4	87.9
tutored another student	51.9	54.2	66.5	46.7	51.3	51.6	47.4	53.0	39.2	38.7	43.1
used a personal computer (4)	33.9	35.1	48.2	29.3	33.8	35.8	29.7	33.1	22.7	22.7	22.9
was bored in class (4)	34.8	38.1	37.8	32.3	33.4	31.5	33.7	36.3	29.7	29.4	31.7
Reported in 1991											
attended a religious service	69.9	62.8	70.2	72.1	74.9	66.2	81.3	84.6	69.8	68.3	81.7
attended recital or concert	79.5	80.4	82.9	76.5	81.6	80.4	74.2	87.2	62.9	61.1	77.7
been guest in professor's home	21.1	12.6	28.8	16.9	33.5	29.5	22.5	45.8	11.5	7.7	43.1
been lonely or homesick	65.1	68.4	69.8	60.6	66.0	63.9	62.1	71.2	46.2	44.5	60.4
did extra work for class (4)	8.1	8.1	7.5	9.0	7.2	7.0	8.1	6.9	11.7	11.3	14.9
didn't complete homework on time	60.4	60.6	62.2	60.5	59.5	60.3	57.4	59.5	58.6	58.3	61.4
discussed course w/students (4)	59.8	56.5	69.7	56.8	64.1	62.9	63.8	66.1	50.0	49.8	52.2
drank beer	71.4	77.1	71.3	68.1	69.5	69.1	80.7	64.0	74.3	75.5	64.8
drank wine or liquor	73.0	75.8	73.1	71.6	71.7	71.4	79.4	68.0	72.0	73.4	60.4
felt depressed (4)	10.3	10.9	10.0	9.3	11.0	11.4	10.8	10.3	8.5	8.8	6.2
felt like leaving college	49.8	50.0	43.6	52.1	48.6	49.1	44.7	49.9	49.3	48.7	54.3
felt overwhelmed (4)	29.9	31.5	29.3	28.6	30.2	29.8	28.4	31.8	27.7	27.9	25.8
in anti-war demonstration	8.5	8.6	13.2	6.2	9.6	10.2	8.6	9.2	3.8	3.7	5.1
missed class due to illness (4)	4.3	5.2	5.2	4.3	3.1	2.9	4.7	2.7	7.9	8.1	6.6
overslept and missed class/appt	59.6	65.7	64.6	55.3	57.0	61.1	54.0	52.3	58.8	57.7	68.5
participated in demonstration	23.0	26.1	25.3	19.6	23.2	25.9	23.5	19.0	16.6	15.9	22.0
participated in intramural sport	48.8	52.5	51.1	43.1	51.5	46.3	53.3	58.3	39.6	37.0	60.8
performed volunteer work	59.7	55.3	69.0	56.1	66.2	62.1	61.7	75.0	47.2	44.2	72.3
received personal counseling	12.8	9.7	14.7	13.9	14.3	14.0	18.2	12.8	13.5	11.2	31.8
received voc/career counseling	47.0	46.2	46.0	48.6	46.1	43.8	47.3	48.9	55.6	55.1	59.8
smoked cigarettes (4)	9.8	9.0	10.7	10.8	9.0	9.9	13.1	5.4	20.0	20.0	19.5
stayed up all night	66.9	66.3	66.4	67.2	67.1	69.8	64.5	64.6	72.3	71.6	78.1
studied in the library (4)	32.3	33.3	35.3	31.0	31.9	31.1	34.1	31.8	24.3	24.1	25.6
studied with other students	93.1	93.3	92.5	93.5	92.7	92.2	92.3	93.7	90.2	89.6	95.6
took interdisciplinary course	38.7	40.7	52.7	29.2	44.6	43.0	42.0	48.3	18.5	17.6	25.9
tutored another student	49.4	50.8	54.6	46.3	50.1	47.9	45.5	55.9	43.0	41.8	52.8
used a personal computer (4)	50.4	46.9	66.5	46.4	54.3	54.5	54.4	53.9	38.0	38.1	37.4
was bored in class (4)	30.7	36.4	29.3	30.9	24.6	22.6	26.9	26.6	26.1	26.7	20.6
worked on grp projects in class	82.2	78.8	77.5	83.2	86.1	85.1	84.5	88.5	77.4	76.1	88.8
worked on ind research project	42.7	39.9	39.7	42.6	47.2	49.6	48.1	43.0	54.8	53.7	63.8

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Student Rated Self Above Average or Top 10% in 1989											
academic ability	67.3	76.4	87.2	58.9	61.8	60.8	59.8	64.5	40.5	40.5	40.1
artistic ability	27.1	27.9	29.0	25.6	27.8	29.1	27.2	26.2	20.5	20.7	19.0
competitiveness	60.0	64.2	70.9	55.3	58.2	58.1	51.8	61.8	49.3	49.2	50.2
drive to achieve	72.1	75.9	84.5	65.5	72.7	75.4	67.3	71.7	56.8	56.4	60.9
emotional health	60.4	62.0	69.7	56.2	61.1	61.1	56.0	63.9	52.1	51.6	56.0
foreign language ability	34.6	37.0	45.1	30.2	34.4	35.0	32.4	34.6	30.2	30.7	26.4
leadership ability	57.7	60.5	67.6	52.1	58.8	57.0	59.8	60.8	43.8	42.7	53.0
mathematical ability	46.2	50.4	61.9	39.9	44.6	45.9	38.2	46.2	28.8	28.8	28.7
physical health	62.7	67.2	66.5	58.1	62.5	63.5	60.1	62.5	59.4	58.6	65.9
popularity	45.9	49.0	51.3	42.3	45.3	43.9	47.0	46.3	37.3	35.8	50.4
popularity with opposite sex	43.9	46.4	46.2	41.9	43.3	43.3	44.9	42.2	42.2	40.8	53.9
public speaking ability	35.5	36.9	48.7	30.4	36.3	37.6	32.7	36.5	23.4	22.8	28.5
self-confidence (intellectual)	58.3	62.3	70.2	53.1	56.8	59.6	54.0	54.2	39.5	39.3	41.0
self-confidence (social)	47.4	49.2	51.0	44.7	47.7	48.8	47.1	46.4	39.4	38.2	48.7
writing ability	46.7	49.1	59.7	41.8	46.1	45.2	43.1	49.3	35.1	34.0	43.9
In 1991											
academic ability	66.5	71.4	81.5	57.8	67.6	66.7	62.3	71.7	47.6	47.5	48.3
artistic ability	28.0	28.9	29.7	23.8	32.0	33.2	33.0	29.7	24.5	24.3	25.8
competitiveness	58.9	62.5	65.5	54.0	59.3	59.0	60.1	59.3	51.1	50.3	57.4
drive to achieve	68.5	71.2	77.6	63.5	69.3	71.6	68.2	66.5	56.9	56.8	57.9
emotional health	60.2	62.6	65.2	56.2	61.0	62.9	58.6	59.6	46.6	45.3	57.0
foreign language ability	35.1	34.6	48.9	30.4	37.2	37.2	34.4	38.8	25.0	24.7	27.6
leadership ability	56.6	57.9	66.7	50.3	60.3	60.9	59.5	59.7	49.7	49.2	54.1
mathematical ability	44.1	46.7	54.6	40.0	43.0	43.9	38.8	44.1	35.3	34.7	40.0
physical health	61.0	62.4	63.1	58.4	62.1	64.7	58.7	60.1	57.2	57.2	57.9
popularity	44.6	44.2	47.1	41.2	48.8	49.0	52.9	46.1	45.4	43.3	62.8
popularity with opposite sex	46.0	47.6	46.7	42.7	48.3	49.7	49.1	45.8	46.8	45.2	60.5
public speaking ability	36.5	37.0	46.9	32.4	37.9	37.1	38.5	38.9	32.3	31.1	42.1
self-confidence (intellectual)	62.6	63.9	71.5	58.9	63.2	66.5	56.3	62.1	43.5	41.8	57.2
self-confidence (social)	50.3	48.7	53.1	49.5	52.2	53.4	54.1	49.3	50.7	48.8	65.7
writing ability	55.4	57.3	64.7	51.4	55.4	53.2	53.4	59.8	54.9	54.8	55.5
Students Reporting At Least One Faculty Member That Provided (6)											
advice/guidance about educ pgm	92.4	90.0	90.2	92.8	95.4	95.9	95.3	94.6	91.6	91.4	93.1
emotional support/encouragement	73.6	66.1	68.1	74.8	82.1	80.0	86.6	82.8	82.1	81.6	86.0
sponsorship for special programs	44.6	35.2	45.6	43.2	56.8	54.9	54.2	61.0	41.1	40.2	49.0
letter of recommendation for job	53.9	44.0	57.5	52.4	65.9	65.4	65.4	66.8	58.7	57.5	68.7
help cutting through "red tape"	54.5	48.8	52.4	53.2	63.5	60.2	67.2	66.4	54.6	53.9	60.5
tutorial assist in study skills	71.0	63.9	65.4	75.7	74.5	75.1	78.3	71.5	81.2	81.2	81.1
honest feedback about skills	83.6	78.8	81.7	84.6	88.0	86.1	91.6	89.0	88.6	88.6	88.6
intellect challenge/stimulation	88.4	84.3	91.1	89.0	91.2	87.8	92.8	95.3	83.1	82.4	89.1
role model	64.2	57.6	66.3	64.9	70.0	66.6	72.4	73.9	66.5	65.9	71.3

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
RESIDENCE PATTERNS											
Preferred for Fall 1989											
with parents or relatives	9.4	6.9	3.5	13.8	8.7	7.3	14.5	7.5	18.7	19.2	14.6
other private home,apt,room	30.3	33.3	17.8	34.5	26.1	27.8	26.0	23.7	38.3	39.7	27.1
college dormitory	43.7	41.0	62.4	37.2	48.4	47.4	45.6	51.1	28.8	26.5	47.4
fraternity or sorority house	7.7	11.4	7.2	5.6	6.7	5.0	5.2	9.7	5.0	5.4	1.9
other campus housing	7.2	6.5	8.9	7.0	7.9	9.5	6.4	6.4	6.3	6.5	4.8
other	1.6	0.9	0.2	2.0	2.4	3.0	2.2	1.5	2.8	2.7	4.2
Planned for Fall 1989											
with parents or relatives	15.9	11.1	7.0	25.4	11.7	12.8	19.7	5.6	52.4	55.6	23.9
other private home,apt,room	2.8	3.1	0.7	4.1	1.5	2.2	1.3	0.7	13.9	15.3	1.3
college dormitory	77.9	83.6	88.0	65.5	84.5	81.5	78.5	92.5	27.2	22.0	72.8
fraternity or sorority house	0.3	0.0	0.4	0.6	0.3	0.6	0.0	0.1	0.0	0.0	0.0
other campus housing	2.8	2.1	3.8	4.0	1.7	2.6	0.2	1.1	5.4	5.7	2.0
other	0.2	0.1	0.0	0.3	0.2	0.3	0.3	0.0	1.1	1.3	0.0
First Year											
with parents or relatives	15.3	10.8	6.5	24.2	11.5	12.5	20.1	5.5	51.3	54.7	22.9
other private home,apt,room	3.1	3.3	0.5	4.4	2.0	3.1	0.5	1.1	15.3	16.9	1.5
college dormitory	77.8	83.0	89.3	65.6	84.3	81.7	78.1	91.4	27.4	21.6	75.1
frat or sorority house	0.8	1.4	0.4	0.9	0.1	0.0	0.0	0.1	0.0	0.0	0.0
other campus student housing	2.7	1.5	2.6	4.4	1.8	2.6	1.1	1.1	4.9	5.5	0.4
other	0.4	0.1	0.7	0.6	0.3	0.1	0.2	0.7	1.1	1.2	0.0
Second Year											
with parents or relatives	19.4	14.5	11.5	27.0	17.5	18.2	25.3	12.2	47.8	51.1	21.3
other private home,apt,room	17.5	26.1	16.7	15.6	10.6	11.7	7.1	10.9	21.3	22.8	9.0
college dormitory	52.4	49.4	57.9	46.0	62.4	60.4	58.5	67.5	27.0	22.2	66.4
frat or sorority house	4.4	6.5	7.1	2.1	4.2	4.6	0.3	5.7	0.4	0.4	0.6
other campus student housing	5.4	2.5	6.3	8.1	4.6	4.6	8.2	2.8	2.2	2.2	1.9
other	0.9	1.0	0.6	1.1	0.7	0.6	0.5	0.8	1.2	1.3	1.0
Had Remedial Work In High School											
English	4.9	2.7	3.7	5.7	6.5	7.5	8.0	4.2	6.2	5.6	11.7
reading	4.6	2.8	2.3	5.6	6.1	7.0	6.8	4.6	5.8	5.0	11.8
mathematics	9.6	5.8	9.7	9.9	13.5	14.4	15.8	11.0	11.0	10.0	19.3
social studies	3.7	2.1	2.0	5.1	4.1	3.5	5.1	4.6	4.2	3.7	7.8
science	4.1	2.7	3.8	4.6	5.2	5.2	6.3	4.5	4.8	4.4	8.5
foreign language	4.6	3.2	3.5	5.6	5.3	6.0	5.2	4.4	5.6	5.1	9.6
Will Need Remedial Work in College (Reported in 1989)											
English	8.6	7.9	4.0	9.5	9.9	8.8	11.2	10.8	18.0	18.5	14.2
reading	3.5	2.1	2.0	4.8	3.8	3.3	4.4	4.2	11.0	11.4	7.9
mathematics	23.5	22.4	13.7	27.4	22.7	21.1	28.5	21.9	34.8	34.4	38.1
social studies	2.4	1.9	2.1	2.8	2.4	2.2	1.6	3.3	3.0	2.4	8.2
science	11.2	8.8	10.2	13.3	11.5	12.4	10.0	10.8	11.5	10.1	22.8
foreign language	11.3	10.2	7.4	12.3	12.7	12.2	11.3	14.3	6.9	6.1	13.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Objectives Noted as Essential or Very Important											
in 1989											
achieve in a performing art	11.6	10.1	14.2	10.2	14.3	13.7	14.1	15.4	12.1	11.5	16.6
be involved in environ clean-up	27.1	27.5	26.6	25.2	29.5	33.0	25.7	26.4	28.6	28.8	26.7
be successful in own business	43.5	42.0	39.8	46.2	43.0	43.6	44.0	41.6	53.2	54.0	46.9
be very well off financially	74.0	76.4	67.6	77.9	68.2	70.2	74.8	61.7	80.2	80.1	80.6
become authority in my own field	67.4	68.5	69.0	66.3	67.3	70.7	66.3	62.9	63.2	62.0	73.8
create artistic work	12.4	13.8	10.3	11.2	13.2	13.3	15.9	11.4	10.3	10.2	11.6
develop philosophy of life	44.9	46.8	52.1	42.7	43.2	41.9	42.2	45.5	31.7	29.8	48.1
have admin responsibility	43.7	46.5	45.1	44.1	39.5	38.1	46.4	37.8	42.4	41.4	50.9
help others in difficulty	59.9	56.1	60.6	60.1	63.6	62.2	63.4	65.6	56.3	55.2	64.9
influence political structure	22.0	20.3	30.0	21.5	21.7	22.1	24.0	19.7	15.8	14.5	26.6
influence social values	43.0	39.4	46.3	44.0	44.7	41.6	46.7	48.2	39.0	36.9	56.2
keep up to date with politics	45.9	45.9	56.9	44.0	44.7	45.8	47.9	41.3	25.1	22.6	46.2
obtain recog from colleagues	57.6	60.3	52.3	57.8	56.2	57.4	62.4	51.2	53.6	53.1	57.9
participate in community action	25.1	24.3	31.9	22.1	27.5	28.0	29.1	26.0	20.8	19.6	31.1
promote racial understanding	37.0	34.3	41.9	35.2	40.7	45.2	37.0	36.3	36.0	35.6	39.2
raise a family	70.4	71.2	72.8	68.9	70.7	68.3	69.0	75.2	67.1	65.9	76.8
theoretical contrib to science	17.3	19.9	16.7	15.2	17.5	19.8	16.8	14.4	14.2	13.4	20.7
write original works	13.5	12.7	16.7	12.0	15.4	16.6	15.7	13.4	10.3	9.9	14.3
in 1991											
achieve in a performing art	10.4	9.9	11.4	8.6	13.2	13.6	11.1	13.6	12.9	12.9	12.8
be involved in environ cleanup	38.4	39.0	35.0	38.8	38.5	39.1	41.1	36.1	38.9	39.2	36.5
be successful in own business	39.3	37.7	36.8	40.8	40.0	43.0	40.7	35.1	41.4	41.2	42.9
be very well off financially	65.7	65.6	60.3	68.3	64.0	67.5	69.8	55.5	73.0	73.3	70.6
become authority in my field	73.2	74.6	70.4	73.2	72.7	72.7	75.3	71.4	71.4	70.8	76.2
create artistic work	11.8	11.3	9.6	11.8	13.2	12.4	16.6	12.6	9.3	8.4	16.3
develop philosophy of life	50.0	49.9	56.9	46.7	52.1	53.4	54.2	49.2	42.6	41.7	49.5
have admin responsibility	41.8	41.5	40.3	43.9	39.7	38.1	47.8	37.8	43.6	42.9	48.9
help others in difficulty	68.1	67.5	66.2	68.5	68.8	68.0	70.5	69.1	67.6	67.3	69.5
influence political structure	18.7	21.1	24.0	14.7	19.6	18.2	21.8	20.7	14.2	13.5	20.3
influence social values	45.5	44.6	47.2	43.9	47.9	45.1	50.4	50.8	44.1	42.9	54.2
keep up to date with politics	45.9	45.8	54.6	42.3	47.9	49.7	48.0	45.0	34.7	33.5	44.5
obtain recog from colleagues	56.3	57.1	49.4	56.9	57.0	57.1	58.9	55.8	52.3	51.2	61.1
participate in community action	26.6	27.2	30.0	25.4	26.4	26.5	29.4	24.6	25.5	26.3	19.2
promote racial understanding	37.3	33.7	41.3	37.9	39.3	43.3	36.6	34.8	30.3	29.4	37.8
raise a family	71.4	71.0	78.2	70.3	71.1	69.6	72.5	72.7	71.3	70.7	76.3
theoretical contrib to science	13.3	13.7	13.5	12.6	13.6	15.0	14.0	11.1	11.8	12.0	10.7
write original works	15.1	15.2	16.9	13.8	16.2	17.9	14.3	14.7	12.2	12.2	12.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Political Orientation in 1989											
far left	1.4	1.3	0.9	1.1	2.1	1.6	1.8	3.0	1.1	1.0	1.7
liberal	23.5	25.7	24.1	21.5	23.4	28.4	21.0	17.4	20.6	20.3	22.6
middle of the road	50.2	49.8	41.5	54.7	47.6	46.5	53.3	46.2	58.5	59.2	52.1
conservative	23.4	22.0	30.1	21.3	25.5	22.4	23.5	31.1	18.7	18.5	20.3
far right	1.5	1.1	3.5	1.4	1.4	1.1	0.5	2.3	1.2	0.9	3.3
in 1991											
far left	1.8	2.2	1.8	1.7	1.7	2.0	1.5	1.4	3.0	3.0	3.7
liberal	25.5	25.8	31.3	23.8	25.5	32.6	24.8	15.2	17.0	17.0	16.8
middle of the road	46.1	46.1	36.5	48.9	45.5	42.7	47.2	48.8	62.7	64.8	45.9
conservative	25.5	25.4	29.8	24.3	25.8	21.3	25.4	32.8	16.0	14.7	26.5
far right	1.0	0.5	0.5	1.3	1.4	1.3	1.1	1.8	1.2	0.5	7.1
Agrees Strongly or Somewhat in 1989											
abolish death penalty	20.7	19.5	26.3	18.2	23.5	24.5	26.3	20.4	21.8	22.1	19.4
abortion should be legalized	66.3	69.9	66.7	67.0	61.2	66.6	53.3	57.5	55.8	55.1	61.4
busing OK to achieve balance	55.7	55.4	52.5	55.4	57.6	59.6	56.6	55.1	56.7	57.1	53.1
college increases earning power	66.4	67.3	55.5	72.4	61.1	61.2	68.0	57.0	76.4	76.3	77.1
govt not controlling pollution	88.7	90.8	90.9	86.0	89.1	89.8	87.8	88.9	85.0	86.2	74.9
govt not promoting disarmament	68.0	67.7	62.1	68.5	69.7	71.3	73.2	65.3	61.7	61.8	61.1
govt not protecting consumer	67.6	65.2	59.9	71.1	68.3	68.1	69.4	68.1	71.0	71.1	69.8
increase fed military spending	22.2	20.7	17.8	26.8	19.0	20.6	18.3	17.0	28.5	28.0	32.9
live together before marriage	50.3	54.1	46.4	52.4	44.7	51.4	42.4	35.8	54.4	55.7	43.7
marijuana should be legalized	15.3	18.2	15.4	13.6	14.5	15.8	15.3	12.2	15.1	15.0	15.8
married women best at home	22.2	19.5	20.3	25.3	21.7	20.9	23.0	22.1	25.7	24.8	33.7
only volunteers in Armed Forces	50.4	50.9	47.8	50.2	51.1	50.2	49.0	53.7	50.0	50.9	42.4
prohibit homosexual relations	41.6	36.6	31.5	47.2	43.1	38.8	41.6	50.3	50.3	50.0	52.4
raise taxes to reduce deficit	28.8	30.3	32.7	26.2	29.1	31.0	29.5	25.9	21.9	21.2	27.7
too much concern for criminals	69.3	68.5	66.4	70.6	69.6	68.6	67.2	72.4	71.4	71.8	68.2
in 1991											
abolish death penalty	21.9	18.9	31.4	18.1	27.2	26.7	30.7	25.9	16.5	15.9	21.8
abortion should be legal	71.6	77.5	72.7	71.0	65.3	72.5	59.4	57.9	58.0	57.2	65.2
busing OK to achieve balance	51.9	53.8	54.8	49.2	52.5	56.4	53.6	46.3	57.4	57.3	58.1
college increases earning power	51.8	51.7	43.3	56.0	49.1	49.2	53.2	46.8	60.0	58.7	71.2
govt not controlling pollution	85.7	86.0	86.9	84.5	86.7	86.6	84.9	88.0	86.2	86.9	79.7
govt not promoting disarmament	62.6	61.5	61.5	64.3	61.7	63.5	65.3	57.0	59.5	59.6	58.9
govt not protecting consumer	63.6	64.3	61.8	65.3	61.2	64.8	63.1	54.8	68.1	67.9	70.0
increase fed military spending	13.8	13.5	10.0	15.4	13.5	11.8	12.2	16.7	18.9	19.3	14.9
live together before marriage	54.1	57.5	50.5	55.8	49.4	57.6	51.3	36.1	55.1	55.4	52.3
marijuana should be legalized	24.6	28.9	29.9	20.4	23.5	26.3	22.4	19.7	24.7	25.4	18.7
married women best at home	16.0	15.4	12.4	16.4	17.3	19.3	14.3	15.9	19.7	19.0	25.3
nuclear disarmament attainable	59.0	59.7	57.2	57.4	60.9	63.1	60.2	58.1	58.1	57.3	65.6
only volunteers in Armed Forces	52.2	52.7	55.9	50.2	53.0	54.2	51.5	51.9	50.6	50.4	52.3
prohibit homosexual relations	29.3	26.4	22.6	32.3	30.8	25.1	28.7	40.6	39.5	39.3	41.4
raise taxes to reduce deficit	29.5	31.2	32.1	26.9	30.1	30.9	25.1	31.7	21.1	20.7	24.1
too much concern for criminals	66.0	64.1	60.9	70.0	64.4	63.8	63.7	65.8	76.0	77.1	67.3

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	31.6	31.4	35.6	28.7	34.1	35.1	31.3	34.2	24.4	24.0	28.3
problem-solving skills	16.0	15.1	20.2	15.6	16.2	17.9	14.8	14.5	14.0	13.7	16.9
knowledge of particular field	41.4	39.6	46.4	37.3	47.1	47.0	42.3	50.1	30.6	30.4	32.3
critical thinking ability	20.8	20.7	26.6	17.0	24.0	25.1	21.0	24.0	22.1	22.0	22.8
foreign language ability	6.8	7.0	10.8	5.0	7.7	6.8	7.5	9.0	4.2	4.0	5.5
job-related skills	15.1	13.1	14.4	16.4	15.7	17.2	15.6	13.4	15.8	15.8	15.8
religious beliefs & convictions	9.0	8.1	10.2	7.3	11.9	8.6	9.2	18.2	5.6	4.4	15.8
preparation for grad/prof school	10.3	9.3	18.2	6.6	13.5	13.9	9.7	14.9	7.7	7.0	13.4
leadership abilities	12.9	12.6	15.7	11.8	13.9	13.6	12.2	15.3	15.2	14.2	23.7
ability to work independently	24.9	23.0	28.3	23.9	27.0	28.8	24.2	25.9	25.4	24.4	33.3
interpersonal skills	18.5	18.9	23.3	16.0	20.0	20.4	20.0	19.3	15.0	13.9	23.7
cultural awareness	21.5	22.7	26.1	15.9	26.0	25.9	21.9	28.3	14.9	13.8	24.4
tolerance of different beliefs	21.7	23.2	21.8	17.7	25.3	25.0	24.7	26.1	15.9	14.1	30.7
acceptance of dif races/cultures	20.2	18.9	21.7	18.1	23.9	23.5	22.6	25.3	19.3	17.2	35.9
confidence in academic abilities	15.1	14.4	12.7	15.7	15.9	16.1	15.3	16.0	16.1	15.3	23.1
writing skills	12.7	10.5	13.5	13.0	14.4	14.3	16.1	13.7	15.5	14.7	21.5
public speaking ability	9.8	10.0	9.8	9.0	10.4	10.9	13.2	8.2	14.9	14.1	21.1
competitiveness	12.4	11.2	9.5	12.4	14.8	16.6	14.2	12.3	15.7	15.1	21.2
ability to work cooperatively	11.0	11.3	6.7	10.8	12.6	15.8	12.0	8.0	11.5	10.1	23.3
mathematical ability	8.8	8.5	10.0	8.7	8.9	9.6	7.9	8.5	8.5	8.4	9.2
reading speed and comprehension	8.0	8.5	8.5	7.0	8.6	9.1	8.6	7.7	9.4	8.5	16.5
ability to influence others	13.2	12.5	14.6	12.1	15.0	16.6	11.6	14.6	14.2	13.1	23.4
Plans for Fall 1991											
attend college full-time	89.8	92.3	94.1	86.9	89.4	86.8	92.5	91.7	70.8	70.0	78.0
attend college part-time	3.6	2.2	1.3	5.6	3.3	4.8	2.9	1.3	8.9	9.4	4.6
attend graduate school	0.3	0.4	0.2	0.1	0.4	0.4	0.3	0.3	1.3	1.2	2.3
attend vocational program	0.6	0.6	0.9	0.7	0.3	0.6	0.0	0.1	0.7	0.8	0.2
work full-time	8.6	7.0	3.8	11.6	8.2	10.0	6.7	6.4	18.8	18.9	18.6
work part-time	47.2	49.4	45.5	45.0	48.1	46.8	53.2	47.3	38.5	38.7	36.4
serve in Armed Forces	0.9	1.0	0.8	1.0	0.8	1.2	0.7	0.1	0.8	0.8	0.8
travel	4.5	3.2	7.1	3.9	6.0	6.3	6.0	5.5	3.5	3.0	7.4
do volunteer work	14.4	14.2	24.8	10.5	16.2	15.9	15.6	17.0	6.9	6.0	14.5
stay at home	4.4	3.1	2.6	6.2	3.9	3.6	5.0	3.7	9.9	10.0	9.3

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989) (6)											
None											
socializing with friends	0.2	0.1	0.2	0.2	0.3	0.6	0.0	0.1	0.5	0.5	0.9
exercising or sports	3.5	2.3	2.2	5.0	3.2	4.1	2.2	2.5	5.1	5.0	6.0
partying	12.7	11.8	12.5	12.1	14.3	12.2	11.5	19.1	13.5	13.6	12.3
working (for pay)	26.0	26.0	31.4	21.7	29.9	31.9	25.5	29.4	17.7	17.4	20.5
student clubs and groups	22.6	22.4	12.9	26.8	20.6	19.5	22.8	21.1	35.0	36.3	23.6
watching TV	5.3	4.9	5.3	5.5	5.5	5.9	7.0	4.1	4.4	4.1	6.6
hobbies	7.8	7.5	6.9	8.4	7.7	8.3	9.2	5.9	9.1	9.8	3.4
studying or doing homework	0.7	0.7	1.1	0.5	0.8	0.7	0.4	1.1	1.5	1.5	1.1
talking w/teacher outside class	5.3	5.7	2.8	6.4	4.4	4.1	4.9	4.6	7.3	7.4	6.1
Six or More											
socializing with friends	78.9	79.1	84.0	76.6	80.1	78.6	82.7	81.0	74.9	73.9	83.1
exercising or sports	50.6	53.1	51.3	46.6	53.2	52.7	52.0	54.8	42.4	42.1	45.2
partying	31.4	32.6	31.3	32.2	29.0	27.6	35.7	27.4	29.7	29.2	34.0
working (for pay)	61.7	60.5	50.2	68.7	57.5	57.8	60.9	55.2	65.7	66.0	63.1
student clubs and groups	17.9	18.4	25.8	14.7	18.9	17.7	19.0	20.8	13.9	13.6	16.2
watching TV	32.5	31.0	33.1	33.5	32.7	33.6	30.9	32.2	30.8	30.4	33.7
hobbies	26.6	27.2	24.6	26.5	26.8	26.5	25.6	27.7	27.6	27.2	31.1
studying or doing homework	49.0	48.9	63.4	41.2	54.8	53.0	54.9	57.5	34.2	34.1	35.9
talking w/teacher outside class	14.5	14.4	13.6	12.6	17.5	18.1	17.5	16.5	17.5	17.6	16.3
Sixteen or More											
socializing with friends	37.3	35.3	37.4	37.9	38.5	37.1	41.1	39.3	33.5	32.7	40.5
exercising or sports	17.7	16.9	16.2	16.8	20.4	20.1	19.0	21.5	13.8	13.0	20.8
partying	7.0	5.5	7.0	7.8	7.4	6.1	11.5	7.1	6.3	6.0	8.4
working (for pay)	37.0	35.3	25.7	43.4	34.0	34.2	35.5	32.9	41.4	41.0	44.2
student clubs and groups	4.6	5.2	6.1	4.0	4.1	4.3	4.6	3.5	4.7	4.9	2.9
watching TV	6.6	6.8	5.3	6.9	6.3	7.3	5.5	5.1	4.5	4.2	7.1
hobbies	6.5	6.7	5.5	6.2	6.8	6.2	4.7	8.8	5.5	5.0	9.1
studying or doing homework	9.5	11.0	17.5	4.9	11.2	11.1	10.8	11.7	4.3	4.2	5.2
talking w/teacher outside class	3.5	3.4	2.8	3.3	4.2	3.6	5.9	4.2	5.1	5.2	3.7

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (6)											
None											
socializing with friends	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.3	0.1	0.1	0.0
exercising/sports	3.1	2.2	3.4	4.0	2.8	4.0	2.4	1.4	4.5	4.7	3.5
reading for pleasure	18.5	19.4	19.6	17.8	18.1	16.8	20.4	18.9	22.0	22.4	18.3
using a personal computer	14.5	16.5	10.0	14.6	13.5	15.6	10.8	11.8	23.9	24.2	21.7
partying	14.2	11.1	13.5	16.1	15.3	13.6	10.5	20.4	13.8	12.9	21.3
working (for pay)	31.1	36.7	36.8	29.3	25.3	26.7	24.6	23.4	22.8	23.0	21.4
clubs/groups	33.9	34.7	22.4	38.7	30.5	32.2	31.7	27.3	52.8	54.9	36.1
watching TV	6.8	6.6	13.4	3.9	8.6	10.5	5.1	7.6	5.6	5.2	8.4
commuting	48.8	49.4	60.8	42.5	52.6	52.7	47.6	55.0	29.0	27.5	42.0
religious services/meetings	42.2	48.6	42.9	41.7	35.4	45.2	27.2	25.1	40.8	42.5	26.7
hobbies	20.3	20.8	24.3	18.5	20.7	22.1	19.1	19.5	13.9	14.3	10.4
classes/labs	2.3	1.0	1.3	3.4	2.6	1.8	3.5	3.2	9.8	10.0	7.9
studying/homework	2.0	0.8	0.9	3.1	2.1	1.7	2.5	2.4	8.2	8.5	5.6
talking w/faculty outside class	17.7	22.1	13.4	20.5	10.4	11.1	11.3	8.9	22.2	23.5	11.8
Six or More											
socializing with friends	81.4	81.8	84.5	78.4	84.1	84.4	83.0	84.4	80.6	79.7	88.6
exercising/sports	38.2	39.7	35.8	36.5	39.5	39.8	39.1	39.4	34.2	33.7	38.4
reading for pleasure	9.6	9.3	6.3	10.0	10.3	10.7	10.2	9.8	13.5	13.5	12.8
using a personal computer	21.4	20.4	27.8	18.4	24.5	29.2	19.9	19.8	21.3	21.8	16.9
partying	33.0	35.8	35.2	29.5	33.9	34.8	40.2	29.1	36.8	37.9	27.4
working (for pay)	57.8	52.2	52.4	62.6	59.4	57.4	63.8	60.0	65.7	66.0	63.6
clubs/groups	18.0	18.5	27.9	16.5	16.1	16.9	12.3	17.1	10.8	9.9	18.1
watching TV	36.0	36.0	26.0	40.8	32.7	33.1	31.0	33.0	40.9	41.9	32.5
commuting	10.6	9.7	7.2	13.1	9.2	9.9	11.2	7.2	23.5	24.2	17.7
religious services/meetings	3.3	1.7	4.9	4.2	3.2	3.1	1.1	4.5	1.4	1.1	4.2
hobbies	12.3	11.7	10.7	14.0	11.4	12.3	10.1	10.6	17.9	17.8	18.2
classes/labs	90.3	93.1	94.9	87.3	89.6	90.7	89.5	88.1	78.4	78.2	80.6
studying/homework	75.3	79.0	86.2	68.2	77.3	75.2	77.1	80.6	60.5	60.6	59.5
talking w/faculty outside class	1.9	0.9	1.3	1.9	3.1	3.2	1.9	3.6	2.1	1.8	4.5
Sixteen or More											
socializing with friends	40.4	39.8	37.9	38.9	44.2	45.3	44.2	42.5	41.5	39.9	54.6
exercising/sports	8.2	7.4	7.3	7.8	10.0	9.7	10.4	10.3	11.0	10.9	11.3
reading for pleasure	1.7	1.4	1.3	1.6	2.1	2.6	1.8	1.7	2.6	2.7	1.7
using a personal computer	5.2	6.3	6.4	4.4	4.8	5.8	4.4	3.4	8.5	8.8	6.5
partying	7.1	8.4	7.0	6.0	7.2	6.5	9.1	7.1	5.6	5.3	8.0
working (for pay)	31.9	29.3	18.2	40.9	27.5	28.8	30.7	23.8	46.7	48.4	33.1
clubs/groups	4.3	4.5	5.0	4.7	3.3	3.1	3.1	3.7	2.5	2.5	2.4
watching TV	7.8	7.9	4.6	9.4	6.9	9.4	5.8	3.7	11.1	11.9	4.5
commuting	2.4	1.6	0.8	3.5	2.5	2.6	3.1	1.9	3.9	3.9	4.0
religious services/meetings	0.4	0.2	0.6	0.6	0.2	0.4	0.1	0.0	0.4	0.1	2.6
hobbies	2.4	3.0	1.4	2.5	2.1	3.0	1.0	1.4	3.0	2.8	4.7
classes/labs	46.0	49.1	54.6	41.4	45.8	42.3	46.8	50.6	40.6	41.0	37.2
studying/homework	27.3	29.1	40.0	20.8	29.8	28.8	29.6	31.5	17.9	18.2	15.8
talking w/faculty outside class	0.2	0.1	0.3	0.2	0.3	0.2	0.2	0.4	0.6	0.6	0.4

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ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Religious Preference in 1989											
Baptist	14.2	7.3	11.6	21.2	13.5	14.6	4.5	16.8	13.7	12.9	20.2
Buddhist	0.5	0.3	0.9	0.7	0.3	0.3	0.2	0.5	0.0	0.0	0.0
Congregational (UCC)	1.4	1.6	0.7	1.3	1.4	1.3	0.6	2.2	3.6	4.0	0.5
Eastern Orthodox	0.4	0.3	1.4	0.2	0.6	0.8	1.3	0.1	0.1	0.1	0.7
Episcopal	2.8	4.3	2.8	1.3	3.1	3.2	1.9	3.4	1.4	1.3	2.3
Islamic	0.3	0.8	0.3	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.5
Jewish	2.8	3.6	6.1	1.9	1.8	3.4	0.2	0.2	1.0	0.9	1.9
LDS (Mormon)	0.3	0.5	0.3	0.2	0.2	0.3	0.0	0.1	0.3	0.2	0.5
Lutheran	6.7	8.4	4.5	7.0	5.5	3.0	1.9	11.3	6.0	5.1	14.0
Methodist	9.1	8.4	8.1	11.0	7.8	6.3	3.8	12.5	9.7	9.5	11.4
Presbyterian	5.7	7.3	3.4	5.1	5.4	4.3	3.3	8.3	6.7	7.0	4.2
Quaker	0.3	0.1	0.0	0.1	0.7	0.4	0.0	1.6	0.9	1.1	0.0
Roman Catholic	33.1	33.0	35.9	31.6	34.2	33.8	72.3	13.7	42.0	44.2	23.8
Seventh Day Adventist	0.4	0.0	0.0	0.1	1.4	0.1	0.2	4.0	0.2	0.2	0.0
other Protestant	5.3	4.2	5.7	4.4	7.3	6.5	2.4	11.3	3.7	3.9	2.3
other religion	5.0	4.6	5.9	4.5	5.6	6.8	1.2	6.3	3.5	2.4	13.0
none	11.7	15.3	12.3	9.2	11.0	14.9	6.1	7.7	6.9	7.1	4.6
in 1991											
Baptist	13.9	9.1	10.1	19.5	13.3	14.4	4.0	16.6	13.1	12.0	22.0
Buddhist	0.5	0.6	0.8	0.7	0.1	0.2	0.0	0.2	0.0	0.0	0.3
UCC	1.4	1.0	0.7	1.7	1.5	1.3	0.6	2.2	1.1	1.2	0.0
Eastern Orthodox	0.5	0.3	1.4	0.2	0.7	0.8	1.6	0.1	0.3	0.2	0.7
Episcopal	2.8	4.4	2.7	1.4	3.1	3.2	2.0	3.5	1.7	1.6	2.3
Islamic	0.4	0.8	0.5	0.2	0.2	0.3	0.3	0.0	0.6	0.5	0.9
Jewish	2.8	3.4	6.4	2.1	1.8	3.4	0.2	0.2	1.0	0.9	1.9
Latter Day Saints (Mormon)	0.3	0.5	0.3	0.2	0.2	0.3	0.0	0.1	0.3	0.2	0.5
Lutheran	6.3	7.6	4.2	6.1	5.8	2.9	2.3	12.1	5.8	4.9	13.3
Methodist	9.4	8.5	7.3	11.8	8.1	7.0	3.5	12.2	9.5	9.5	9.3
Presbyterian	5.4	6.1	3.4	5.7	4.8	4.0	3.1	6.8	5.4	5.6	3.6
Quaker	0.1	0.0	0.0	0.0	0.4	0.3	0.0	0.8	0.0	0.0	0.0
Roman Catholic	30.9	32.2	35.4	27.8	32.3	30.6	70.0	14.3	42.0	44.2	23.8
Seventh Day Adventist	0.4	0.0	0.0	0.0	1.3	0.0	0.0	4.0	0.4	0.4	0.0
other Protestant	6.2	5.6	6.8	5.1	8.3	8.0	2.1	12.2	7.2	7.2	7.1
other religion	4.5	3.4	4.2	5.0	5.0	5.5	3.0	5.3	3.6	2.8	10.4
none	14.1	16.5	15.8	12.5	13.2	17.8	7.4	9.5	8.1	8.6	4.0

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Probable Career in 1989 (6,7)											
artist or performer	7.0	7.8	6.2	5.2	8.8	9.7	8.6	7.7	6.9	6.2	13.2
business	22.6	17.8	21.0	28.9	19.9	19.2	24.5	18.5	20.1	20.0	21.2
clergy	0.2	0.1	0.5	0.1	0.5	0.3	1.5	0.1	0.1	0.0	1.4
college teacher	0.5	0.6	0.8	0.2	0.5	0.3	0.7	0.7	0.5	0.6	0.0
doctor (MD or DDS)	5.6	6.1	11.6	3.0	6.7	7.3	4.8	7.0	1.6	1.3	4.1
education (secondary)	3.9	3.4	2.6	4.6	4.0	2.5	2.4	7.0	2.2	2.0	3.4
education (elementary)	5.1	3.2	2.6	7.4	5.2	4.1	6.7	5.9	4.7	4.7	4.6
engineer	9.3	12.8	9.5	8.6	6.1	9.1	2.2	3.9	9.2	9.9	3.0
farmer or forester	0.7	1.2	0.0	0.6	0.5	0.8	0.0	0.5	1.9	1.6	4.0
health professional	4.7	6.4	3.0	3.8	4.4	3.1	6.9	4.8	4.7	4.4	7.3
lawyer	5.9	7.0	11.6	3.4	6.1	5.8	7.1	6.2	3.3	3.7	0.6
nurse	1.6	1.1	0.1	2.6	1.4	1.5	1.4	1.2	3.3	3.6	1.7
research scientist	2.1	2.9	1.9	1.8	1.7	1.2	1.7	2.5	0.5	0.6	0.2
other	18.6	15.5	16.4	19.9	21.0	23.9	18.4	18.2	31.0	31.6	26.4
undecided	12.2	14.0	12.3	9.9	13.1	11.2	13.1	15.7	9.8	9.9	8.9
in 1991 (6,7)											
artist or performer	6.5	6.8	5.6	5.4	7.8	7.7	8.8	7.3	4.0	3.6	7.0
business	21.7	21.0	20.5	24.2	19.8	15.7	26.9	21.9	18.6	18.7	17.8
clergy	0.3	0.2	1.4	0.1	0.4	0.3	0.7	0.4	0.2	0.1	0.8
college teacher	1.1	0.4	3.9	0.8	1.5	1.4	1.8	1.6	0.7	0.7	0.8
doctor (MD or DDS)	4.4	4.5	11.7	2.5	4.2	4.0	4.4	4.5	0.9	0.6	3.0
education (secondary)	5.4	6.3	4.0	5.5	4.8	3.5	5.3	6.4	2.6	2.3	4.8
education (elementary)	7.0	7.1	2.6	8.6	6.4	5.1	6.2	8.5	6.5	4.6	21.8
engineer	7.4	8.7	8.4	7.9	4.7	7.5	0.9	2.9	10.0	11.1	1.1
farmer or forester	1.1	2.1	1.1	0.5	0.7	0.8	0.0	0.8	1.7	1.8	1.0
health professional	5.1	5.0	3.1	5.8	4.9	4.1	5.6	5.8	5.6	5.9	3.4
lawyer	5.5	5.5	10.0	3.4	6.9	6.2	8.9	6.7	2.7	2.9	0.9
nurse	2.6	3.1	0.5	2.9	2.5	2.6	2.3	2.4	4.0	4.0	4.5
research scientist	2.2	2.8	2.5	1.9	2.0	2.0	1.6	2.2	0.8	0.8	0.4
other	23.1	21.2	17.5	24.9	24.6	27.1	20.6	23.1	38.2	39.0	31.6
undecided	6.5	5.2	7.1	5.8	8.8	12.1	6.2	5.5	3.4	3.6	1.3
Permission to Use Student ID/SSN											
in 1989											
yes	80.6	79.0	79.4	82.5	80.6	81.1	74.4	83.3	72.8	73.4	68.1
no	19.4	21.0	20.6	17.5	19.4	18.9	25.6	16.7	27.2	26.6	31.9
in 1991											
yes	67.6	67.6	70.3	64.3	71.0	70.3	68.2	73.6	72.9	72.8	73.7
no	32.4	32.4	29.7	35.7	29.0	29.7	31.8	26.4	27.1	27.2	26.3

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Probable Major in 1989 (6,7)											
agriculture	0.8	1.6	0.0	0.7	0.5	0.4	0.0	1.0	1.5	1.6	0.1
biological science	4.7	4.5	5.0	3.6	6.3	6.7	6.4	5.5	1.1	1.0	2.3
business	23.1	19.3	20.0	28.2	21.8	20.9	25.9	20.9	27.9	28.0	27.1
education	8.0	5.3	4.3	10.3	9.0	6.5	10.9	11.8	7.6	7.2	11.2
engineering	9.8	13.3	10.1	9.6	6.0	8.8	2.9	3.6	13.0	14.1	3.5
English	1.9	2.9	2.0	1.1	1.8	2.0	2.0	1.2	0.5	0.6	0.0
health professional	8.5	9.6	8.2	7.7	8.5	6.9	10.3	9.9	9.6	9.6	10.1
history or political science	5.5	5.3	12.6	4.0	5.3	6.1	4.8	4.5	1.1	1.0	2.2
humanities	1.9	1.6	1.7	1.8	2.6	2.8	2.6	2.4	3.1	1.9	12.7
fine arts	4.4	5.9	3.9	2.9	4.8	4.9	5.1	4.4	6.2	6.3	5.4
mathematics or statistics	0.9	1.3	1.0	0.4	0.9	1.2	0.8	0.6	0.4	0.4	0.0
physical sciences	1.9	2.6	3.7	0.9	1.7	2.1	0.5	1.9	1.1	0.9	1.9
social sciences	8.3	6.1	6.2	9.9	9.3	8.7	7.9	10.8	5.7	5.6	6.1
other technical	3.0	2.3	3.4	3.6	2.9	3.5	1.4	2.7	7.6	8.1	3.4
other non-technical	9.0	9.1	8.9	7.9	10.3	11.8	9.3	8.5	9.9	9.8	11.2
undecided	8.4	9.5	8.9	7.5	8.3	6.7	9.1	10.2	3.8	3.9	2.8
Reported in 1991 (6,7)											
agriculture	0.9	1.9	0.2	0.7	0.3	0.1	0.0	0.8	2.7	2.8	1.4
biological science	6.8	7.3	8.5	4.8	8.1	8.2	5.8	9.2	2.0	2.0	2.0
business	21.4	19.6	18.2	25.3	19.3	16.0	29.1	18.7	23.6	24.0	20.6
education	10.3	9.5	4.9	13.1	9.4	7.1	6.6	14.4	14.3	13.2	23.8
engineering	9.4	11.7	11.0	9.7	5.8	8.8	0.7	4.2	10.0	11.1	0.9
English	3.6	2.4	7.7	2.5	4.9	5.6	3.9	4.4	0.4	0.5	0.0
health professional	5.8	7.2	3.7	5.8	4.8	4.1	7.2	4.6	6.4	6.2	8.2
history or political science	6.7	6.6	14.3	4.3	7.3	8.0	7.3	6.3	6.0	6.4	3.2
humanities	3.5	3.2	4.4	3.1	4.1	4.7	2.9	3.9	1.9	1.6	3.8
fine arts	3.6	4.0	2.7	2.5	4.9	5.4	4.3	4.6	3.8	3.6	5.3
mathematics or statistics	1.1	0.9	1.2	1.1	1.3	1.7	0.9	0.9	0.7	0.6	1.1
physical sciences	2.4	2.2	3.9	1.9	2.9	3.5	1.0	3.1	0.8	0.9	0.3
social sciences	10.2	8.8	10.7	9.2	12.9	12.8	13.6	12.8	8.5	8.6	7.6
other technical	3.6	2.6	2.7	4.6	3.5	3.9	3.1	3.1	6.5	6.8	4.0
other non-technical	8.7	9.4	4.8	8.6	9.1	9.0	13.0	7.2	11.5	11.2	13.6
undecided	2.1	2.6	1.0	2.7	1.2	1.0	0.6	1.9	0.9	0.5	4.2
Probable Graduate Major (6,7)											
agriculture	0.5	1.1	0.0	0.3	0.4	0.4	0.0	0.7	1.6	1.8	0.0
biological science	4.3	5.6	2.6	3.9	4.1	4.2	4.1	3.9	1.2	1.1	1.9
business	17.9	13.8	15.3	22.4	17.7	13.6	23.4	20.5	12.8	13.1	10.3
education	9.7	9.5	6.6	12.1	8.3	8.0	7.6	9.0	8.9	6.2	27.8
engineering	5.8	6.5	8.2	5.5	4.5	7.7	0.4	2.1	8.6	9.4	3.2
English	1.7	0.7	4.0	1.4	2.2	2.2	1.5	2.6	0.3	0.4	0.0
health professional	9.9	9.5	10.4	11.0	8.6	7.9	9.9	9.1	11.3	12.0	6.7
history or political science	3.9	4.1	5.4	3.0	4.0	4.3	5.1	3.0	2.8	2.8	3.1
humanities	2.6	3.6	2.7	1.3	3.2	3.6	1.3	3.5	2.0	1.6	4.8
fine arts	3.5	4.5	2.3	2.9	3.7	3.7	2.8	4.3	4.7	4.8	4.1
mathematics or statistics	0.8	0.7	1.0	1.0	0.6	0.9	0.5	0.3	1.6	1.7	0.6
physical sciences	1.7	1.8	1.9	1.6	1.7	2.5	0.2	1.4	1.4	1.6	0.0
social sciences	11.8	9.9	9.1	14.5	11.6	10.9	15.5	10.6	7.8	6.5	17.1
other technical	4.7	3.6	6.0	4.4	5.8	6.7	1.8	6.4	4.2	4.4	2.7
other non-technical	17.3	19.5	20.0	12.2	20.0	18.6	24.5	19.8	22.5	23.5	15.7
undecided	3.9	5.5	4.4	2.6	3.5	4.9	1.2	2.8	8.2	9.1	1.8

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DISAGGREGATED RESPONSES											
Probable Career in 1989											
accountant or actuary	6.2	4.3	3.1	10.4	3.9	2.8	6.4	4.2	6.5	6.7	5.1
actor or entertainer	1.1	0.7	0.8	1.0	1.7	2.4	0.7	1.3	1.6	1.0	6.4
architect or urban planner	1.5	2.4	1.7	1.1	1.0	0.9	0.5	1.3	4.7	5.2	0.6
artist	1.5	2.1	0.4	0.7	2.4	2.4	3.8	1.6	0.9	0.6	2.8
business (clerical)	0.6	0.3	0.2	0.7	0.9	1.7	0.0	0.3	2.3	2.4	2.0
business executive (management)	11.8	9.5	14.8	13.4	11.3	11.7	13.3	9.5	10.0	10.0	10.2
business owner or proprietor	3.5	3.3	2.8	3.7	3.9	3.8	3.8	4.0	2.3	2.1	3.6
business salesperson or buyer	1.0	0.8	0.3	1.4	0.9	0.9	0.9	0.8	1.3	1.2	2.2
clergy (minister,priest)	0.2	0.1	0.3	0.1	0.4	0.2	1.5	0.0	0.1	0.0	0.6
clergy (other religious)	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.8
clinical psychologist	2.3	1.7	0.2	3.3	2.3	2.0	1.5	3.1	1.7	1.8	1.2
college teacher	0.5	0.6	0.8	0.2	0.5	0.3	0.7	0.7	0.5	0.6	0.0
computer programmer or analyst	2.1	1.4	2.0	2.9	1.8	2.3	1.2	1.5	4.9	5.3	1.9
conservationist or forester	0.4	0.6	0.0	0.4	0.4	0.6	0.0	0.2	1.1	0.8	3.5
dentist (including orthodontist)	0.6	0.8	0.2	0.8	0.3	0.1	0.1	0.7	0.0	0.0	0.4
dietitian or home economist	0.2	0.3	0.3	0.0	0.2	0.2	0.5	0.0	0.2	0.0	1.9
engineer	9.3	12.8	9.5	8.6	6.1	9.1	2.2	3.9	9.2	9.9	3.0
farmer or rancher	0.3	0.6	0.0	0.3	0.2	0.1	0.0	0.3	0.8	0.9	0.6
foreign service worker	1.4	1.5	4.1	0.7	1.2	1.4	1.5	0.8	0.4	0.4	0.9
homemaker (full-time)	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	4.5	5.1	0.0
interior decorator or designer	0.5	0.5	0.2	0.8	0.4	0.3	0.7	0.4	0.2	0.0	1.9
intepreter (translator)	0.2	0.1	0.4	0.1	0.2	0.1	0.2	0.2	0.0	0.0	0.0
lab technician or hygienist	0.1	0.1	0.4	0.1	0.2	0.0	0.0	0.6	0.5	0.5	1.3
law enforcement officer	0.5	0.2	0.2	0.5	0.8	0.1	2.4	1.2	2.1	2.2	1.2
lawyer (attorney) or judge	5.9	7.0	11.6	3.4	6.1	5.8	7.1	6.2	3.3	3.7	0.6
military service (career)	0.7	0.6	0.8	0.8	0.6	1.2	0.0	0.1	0.6	0.5	1.1
musician (performer,composer)	0.8	1.1	0.8	0.2	1.4	0.9	0.9	2.4	3.4	3.6	1.6
nurse	1.6	1.1	0.1	2.6	1.4	1.5	1.4	1.2	3.3	3.6	1.7
optometrist	0.3	0.6	0.0	0.0	0.4	0.3	0.0	0.7	0.3	0.3	0.9
pharmacist	1.0	2.1	0.4	0.5	0.6	0.2	0.8	0.9	0.7	0.6	1.6
physician	5.0	5.3	11.4	2.2	6.4	7.2	4.6	6.3	1.5	1.3	3.7
school counselor	0.2	0.2	0.3	0.2	0.3	0.1	0.8	0.3	0.1	0.0	0.9
school principal, superintendent	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
scientific researcher	2.1	2.9	1.9	1.8	1.7	1.2	1.7	2.5	0.5	0.6	0.2
social,welfare,recreation worker	0.7	0.5	0.4	0.5	1.3	1.3	2.5	0.8	0.3	0.2	0.5
statistician	0.1	0.2	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)	2.4	1.8	1.5	3.0	2.5	1.7	4.8	2.5	2.5	2.6	1.3
teacher (elementary)	5.1	3.2	2.6	7.4	5.2	4.1	6.7	5.9	4.7	4.7	4.6
teacher (Secondary)	3.6	3.2	2.2	4.4	3.7	2.5	1.7	6.5	2.1	2.0	2.4
veterinarian	0.7	1.5	0.4	0.2	0.5	0.7	0.8	0.1	0.4	0.4	0.3
writer or journalist	3.1	3.5	4.0	2.6	2.9	3.8	2.5	2.0	0.9	0.9	0.4
skilled trades	0.5	0.1	0.3	0.5	0.7	0.6	0.2	1.3	2.1	2.1	1.6
other	8.1	6.2	6.1	8.8	9.9	11.9	8.3	7.9	7.4	6.4	15.5
undecided	12.2	14.0	12.3	9.9	13.1	11.2	13.1	15.7	9.8	9.9	8.9

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Probable Career in 1991											
accountant or actuary	6.9	5.9	4.8	10.0	4.5	3.0	6.9	5.4	4.3	4.0	6.8
actor or entertainer	1.1	1.2	1.1	1.2	1.1	1.3	0.6	1.0	0.5	0.4	0.9
architect or urban planner	0.9	1.5	0.8	0.8	0.4	0.7	0.2	0.1	1.0	1.1	0.2
artist	1.4	1.8	0.2	1.0	2.1	2.6	1.9	1.4	0.9	0.8	1.5
business (clerical)	0.4	0.2	0.0	0.5	0.5	0.6	0.2	0.6	1.7	1.8	1.4
business executive (management)	11.2	10.4	13.2	11.7	10.7	8.1	14.1	12.6	8.0	8.1	7.7
business owner or proprietor	2.4	3.4	1.2	1.6	2.7	2.6	4.0	2.1	4.0	4.5	0.8
business salesperson or buyer	1.3	1.4	1.3	0.8	1.9	2.0	2.0	1.8	2.2	2.2	2.4
clergy (minister,priest)	0.2	0.2	1.1	0.1	0.2	0.1	0.2	0.3	0.2	0.1	0.8
clergy (other religious)	0.1	0.0	0.3	0.0	0.2	0.1	0.5	0.1	0.0	0.0	0.0
clinical psychologist	2.8	1.9	2.5	3.3	3.2	2.4	3.6	4.2	2.6	2.3	5.1
college teacher	1.1	0.4	3.9	0.8	1.5	1.4	1.8	1.6	0.7	0.7	0.8
computer programmer or analyst	2.5	2.2	1.6	3.5	1.9	1.9	1.8	1.9	2.7	2.7	3.1
conservationist or forester	0.8	1.6	1.1	0.3	0.5	0.7	0.0	0.5	0.6	0.6	0.9
dentist (including orthodontist)	0.3	0.3	0.7	0.3	0.2	0.1	0.0	0.4	0.1	0.0	1.2
dietitian or home economist	0.4	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.1	0.7
engineer	7.4	8.7	8.4	7.9	4.7	7.5	0.9	2.9	10.0	11.1	1.1
farmer or rancher	0.3	0.5	0.0	0.2	0.2	0.2	0.0	0.3	1.1	1.2	0.1
foreign service worker	1.3	2.1	2.4	0.5	0.9	0.8	1.8	0.6	1.3	1.4	0.5
homemaker (full-time)	0.1	0.1	0.0	0.1	0.2	0.0	0.0	0.5	4.7	5.3	0.0
interior decorator or designer	0.2	0.0	0.0	0.3	0.4	0.0	0.9	0.6	0.5	0.0	4.1
intepreter (translator)	0.2	0.2	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0
lab technician or hygienist	0.3	0.1	0.2	0.5	0.3	0.1	0.3	0.5	0.9	0.9	0.5
law enforcement officer	1.2	0.3	1.2	2.3	0.6	0.5	1.4	0.3	2.3	2.4	1.2
lawyer (attorney) or judge	5.5	5.5	10.0	3.4	6.9	6.2	8.9	6.7	2.7	2.9	0.9
military service (career)	1.0	0.8	0.6	1.4	0.7	0.8	0.6	0.7	0.4	0.2	1.5
musician (performer,composer)	0.8	1.0	0.5	0.5	1.1	0.7	0.6	2.0	0.7	0.7	0.4
nurse	2.6	3.1	0.5	2.9	2.5	2.6	2.3	2.4	4.0	4.0	4.5
optometrist	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.3
pharmacist	0.8	1.4	0.5	0.7	0.4	0.3	0.4	0.6	0.5	0.5	0.7
physician	4.1	4.2	11.0	2.2	4.0	3.8	4.4	4.2	0.7	0.6	1.8
school counselor	0.5	0.4	1.0	0.5	0.2	0.0	0.6	0.3	0.0	0.0	0.4
school principal, superintendent	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.1	0.1	0.0
scientific researcher	2.2	2.8	2.5	1.9	2.0	2.0	1.6	2.2	0.8	0.8	0.4
social,welfare,recreation worker	1.4	1.4	1.2	0.9	2.2	1.6	3.3	2.5	3.9	4.2	1.7
statistician	0.2	0.1	0.0	0.2	0.2	0.5	0.0	0.0	0.3	0.4	0.0
therapist (phys,occup,speech)	3.2	2.0	2.2	4.2	3.5	2.8	4.1	4.3	3.5	3.8	0.9
teacher (elementary)	7.0	7.1	2.6	8.6	6.4	5.1	6.2	8.5	6.5	4.6	21.8
teacher (Secondary)	4.9	6.0	3.0	4.9	4.4	3.2	4.6	6.0	2.4	2.2	4.3
veterinarian	0.4	0.4	0.1	0.1	0.7	0.9	0.8	0.3	0.4	0.4	0.3
writer or journalist	2.9	2.9	3.9	2.5	3.1	3.1	4.7	2.3	1.5	1.7	0.0
skilled trades	0.5	0.2	0.0	0.8	0.5	1.1	0.0	0.0	2.5	2.7	1.1
other	10.7	10.3	7.1	10.2	12.9	16.0	7.4	11.3	14.7	14.6	15.8
undecided	6.5	5.2	7.1	5.8	8.8	12.1	6.2	5.5	3.4	3.6	1.3

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE MAJOR IN 1989											
Arts and Humanities											
arts, fine and applied	2.1	2.3	1.0	1.4	3.2	3.6	3.7	2.2	1.4	1.3	2.3
English (language & literature)	1.9	2.9	2.0	1.1	1.8	2.0	2.0	1.2	0.5	0.6	0.0
history	1.3	1.2	2.8	1.2	1.0	0.8	0.8	1.3	0.1	0.1	0.0
journalism	1.5	1.9	2.7	1.1	1.2	1.1	1.3	1.5	0.6	0.7	0.0
language/literature (except Eng)	0.4	0.3	0.5	0.3	0.7	0.7	0.5	0.7	0.1	0.1	0.0
music	0.8	1.0	0.9	0.4	1.1	0.7	0.7	1.9	3.0	3.1	2.5
philosophy	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.0
speech	0.2	0.4	0.3	0.2	0.0	0.0	0.0	0.1	0.1	0.0	0.6
theater or drama	0.9	0.5	0.7	1.3	0.9	1.1	0.6	0.7	1.1	0.6	5.2
theology or religion	0.1	0.0	0.2	0.0	0.5	0.3	0.3	0.8	0.1	0.0	1.1
other arts and humanities	0.4	0.6	0.4	0.1	0.5	0.4	1.2	0.1	1.7	1.2	6.5
Biological Sciences											
biology (general)	2.6	2.1	3.1	1.7	4.2	4.3	5.2	3.6	0.6	0.7	0.0
biochemistry or biophysics	0.6	0.6	1.2	0.2	0.6	0.5	0.2	1.1	0.0	0.0	0.0
botany	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.6	0.6	0.1	0.8	0.3	0.3	0.2	0.3	0.1	0.1	0.0
microbiology or bacteriology	0.2	0.3	0.2	0.2	0.3	0.5	0.0	0.1	0.1	0.2	0.0
zoology	0.3	0.2	0.0	0.5	0.2	0.0	0.5	0.3	0.0	0.0	0.4
other biological science	0.4	0.5	0.4	0.1	0.6	1.0	0.3	0.2	0.2	0.0	1.9
Business											
accounting	6.5	4.6	2.9	10.5	4.5	2.7	7.3	5.7	6.3	6.4	5.7
business admin (general)	6.3	3.8	7.3	7.4	7.1	5.7	8.6	8.4	7.4	7.8	4.9
finance	1.9	2.5	3.3	1.5	1.3	1.2	1.8	1.1	0.4	0.3	0.6
marketing	3.3	3.6	3.7	3.7	2.1	1.9	2.4	2.2	1.0	0.8	2.8
management	3.7	3.7	1.7	4.0	4.0	4.9	4.6	2.3	3.7	3.1	8.4
secretarial studies	0.5	0.0	0.0	0.3	1.3	2.7	0.0	0.0	5.6	5.9	2.7
other business	1.1	1.1	1.0	0.8	1.5	1.8	1.2	1.1	3.5	3.6	2.1
Education											
business education	0.2	0.0	0.0	0.3	0.3	0.2	1.0	0.0	0.0	0.0	0.0
elementary education	4.0	2.8	2.3	5.2	4.5	3.1	6.4	5.4	4.5	4.4	5.8
music or art education	0.4	0.7	0.0	0.2	0.5	0.1	0.5	1.0	0.2	0.3	0.0
physical education or recreation	0.8	0.1	0.0	1.2	1.0	0.7	0.2	2.1	0.3	0.0	3.0
secondary education	1.9	1.3	1.0	2.3	2.3	1.7	2.2	3.1	2.0	2.0	2.1
special education	0.4	0.1	0.8	0.5	0.4	0.5	0.7	0.1	0.2	0.3	0.0
other education	0.3	0.3	0.1	0.5	0.1	0.1	0.0	0.2	0.3	0.3	0.3
Engineering											
aeronautical/astronautical eng	1.3	1.4	1.6	0.8	1.8	3.5	0.0	0.2	1.6	1.7	1.0
civil engineering	1.3	2.0	1.2	1.5	0.2	0.3	0.0	0.1	3.1	3.4	0.0
chemical engineering	0.8	1.3	0.8	0.8	0.2	0.3	0.2	0.1	0.3	0.2	1.8
electrical/electronic eng	3.0	3.8	3.0	3.2	1.8	1.9	1.2	2.0	2.2	2.4	0.7
industrial engineering	0.4	0.3	0.3	0.5	0.3	0.4	0.0	0.2	0.4	0.4	0.0
mechanical engineering	1.8	2.4	1.8	1.8	1.1	1.8	1.0	0.3	2.6	3.0	0.0
other engineering	1.2	2.2	1.4	0.9	0.6	0.6	0.5	0.7	2.7	3.0	0.0

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MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.2	0.2	0.6	0.1	0.1	0.2	0.0	0.1	0.1	0.1	0.0
atmospheric science	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.0
chemistry	0.5	0.8	0.9	0.2	0.5	0.3	0.3	1.0	0.3	0.4	0.3
earth science	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
marine science	0.1	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.2	0.2	0.0
mathematics	0.8	1.0	1.0	0.4	0.9	1.2	0.8	0.6	0.4	0.4	0.0
physics	0.7	0.7	1.9	0.4	0.8	1.2	0.2	0.5	0.0	0.0	0.0
statistics	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
other physical science	0.2	0.3	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.1	1.6
Professional											
architecture or urban planning	1.2	2.2	1.7	0.8	0.5	0.6	0.6	0.2	1.7	1.9	0.0
home economics	0.3	0.8	0.0	0.2	0.2	0.3	0.3	0.0	0.2	0.2	0.0
health technology (med,dent,lab)	0.5	0.5	0.7	0.5	0.5	0.6	0.1	0.5	0.5	0.5	0.9
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	1.4	1.1	0.1	1.8	1.4	1.5	2.0	1.1	3.7	3.8	2.8
pharmacy	0.8	1.8	0.4	0.3	0.6	0.2	1.2	0.9	0.8	0.8	1.6
predental,premedical,prevet	4.0	4.9	6.8	2.7	3.6	3.8	2.6	3.8	2.1	1.8	4.4
therapy (phys,occup,speech)	2.3	1.8	0.9	2.9	2.8	1.3	4.6	4.1	3.0	3.2	1.3
other professional	1.0	1.4	0.8	0.1	1.7	1.6	2.1	1.4	1.6	1.5	2.4
Social Sciences											
anthropology	0.4	0.2	0.3	0.7	0.3	0.5	0.0	0.1	1.2	1.3	0.0
economics	0.5	0.3	2.7	0.1	0.6	0.6	0.8	0.6	0.0	0.0	0.0
ethnic studies	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	4.2	4.1	9.9	2.8	4.4	5.3	4.0	3.1	1.1	1.0	2.2
psychology	6.0	4.4	2.4	7.4	7.0	6.5	4.8	8.7	3.5	3.4	4.4
social work	0.5	0.3	0.0	0.7	0.6	0.2	1.7	0.6	0.2	0.2	0.5
sociology	0.5	0.4	0.5	0.5	0.5	0.6	0.4	0.4	0.1	0.0	1.3
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.4	0.3	0.3	0.5	0.3	0.3	0.2	0.3	0.6	0.6	0.0
Technical											
building trades	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.5	0.3	1.6
data processing or computer prog	0.7	0.5	1.0	0.7	0.9	0.6	1.1	1.1	3.5	3.7	1.6
drafting or design	0.1	0.1	0.2	0.0	0.2	0.1	0.0	0.3	1.0	1.1	0.0
electronics	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
mechanics	0.1	0.0	0.0	0.3	0.1	0.2	0.0	0.0	0.3	0.3	0.0
other technical	0.1	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.8	0.9	0.0
Other											
agriculture	0.7	1.3	0.0	0.7	0.2	0.1	0.0	0.5	1.0	1.1	0.1
communications	4.2	3.2	4.4	4.4	4.9	6.5	2.2	4.0	2.5	2.5	2.1
computer science	1.5	1.2	1.3	2.1	1.0	1.4	0.1	0.8	1.1	1.2	0.6
forestry	0.2	0.3	0.0	0.0	0.3	0.3	0.0	0.5	0.4	0.5	0.0
law enforcement	0.8	0.2	0.3	1.4	0.9	0.4	2.2	0.8	2.6	2.8	1.1
military science	0.1	0.2	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0
other field	0.9	1.3	0.6	0.7	1.1	1.2	1.0	0.8	1.9	1.7	3.9
undecided	8.4	9.5	8.9	7.5	8.3	6.7	9.1	10.2	3.8	3.9	2.8

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	1.7	1.4	0.9	1.0	3.3	4.0	4.1	2.0	1.9	1.6	4.2
English (language & literature)	3.6	2.4	7.7	2.5	4.9	5.6	3.9	4.4	0.4	0.5	0.0
history	2.2	1.9	4.6	1.5	2.6	3.2	2.5	1.9	0.5	0.5	0.6
journalism	1.9	2.6	2.2	1.6	1.4	1.1	3.0	1.1	0.5	0.5	0.0
language/literature (except Eng)	1.2	1.0	0.4	1.5	1.4	1.5	1.0	1.4	0.3	0.3	0.7
music	0.7	0.6	0.5	0.3	1.3	1.3	0.1	2.1	0.4	0.4	0.3
philosophy	0.4	0.1	0.5	0.5	0.7	0.9	0.2	0.6	0.5	0.5	0.0
speech	0.4	0.3	0.7	0.5	0.1	0.0	0.0	0.4	0.4	0.3	0.8
theater or drama	0.7	0.7	0.9	0.4	1.0	1.0	0.7	1.1	0.5	0.4	1.3
theology or religion	0.2	0.1	0.3	0.0	0.6	0.6	0.6	0.7	0.1	0.0	1.0
other arts and humanities	0.9	1.2	2.3	0.7	0.5	0.7	0.3	0.2	0.5	0.4	0.8
Biological Sciences											
biology (general)	4.5	4.0	6.7	3.0	6.3	6.8	4.6	6.4	0.7	0.6	1.2
biochemistry or biophysics	0.7	1.0	0.6	0.6	0.5	0.7	0.2	0.4	0.2	0.3	0.0
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
marine (life) science	0.2	0.4	0.0	0.2	0.1	0.1	0.0	0.2	0.0	0.0	0.0
microbiology or bacteriology	0.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
zoology	0.2	0.4	0.0	0.1	0.4	0.2	0.4	0.7	0.0	0.0	0.0
other biological science	0.9	1.1	0.7	0.9	0.8	0.5	0.4	1.5	0.8	0.8	0.8
Business											
accounting	7.2	5.6	5.5	10.3	5.5	2.8	10.7	6.6	6.9	7.0	6.1
business admin (general)	3.6	2.4	3.8	3.7	4.6	3.6	5.0	5.8	4.9	4.8	5.9
finance	2.5	3.0	3.5	2.6	1.5	1.4	2.8	1.0	0.6	0.5	1.7
marketing	2.7	3.2	2.9	2.2	2.7	2.4	3.8	2.5	2.0	1.9	3.4
management	3.3	2.9	1.7	4.2	3.1	3.4	5.5	1.5	7.2	7.6	3.5
secretarial studies	0.1	0.0	0.0	0.2	0.2	0.5	0.0	0.0	0.8	0.9	0.0
other business	1.9	2.5	0.8	2.0	1.6	1.9	1.3	1.3	1.1	1.2	0.0
Education											
business education	0.1	0.0	0.2	0.1	0.2	0.2	0.0	0.3	0.4	0.5	0.0
elementary education	6.0	5.8	2.9	7.9	4.9	4.0	3.2	7.1	6.3	4.9	17.8
music or art education	0.4	0.4	0.2	0.4	0.5	0.0	0.6	1.1	0.1	0.2	0.0
physical education or recreation	1.2	0.4	0.6	2.0	1.3	0.9	0.4	2.5	3.7	3.9	2.2
secondary education	1.8	2.5	1.0	1.5	1.5	0.8	1.3	2.8	1.8	1.9	1.6
special education	0.6	0.3	0.0	0.8	0.9	1.1	1.1	0.4	0.9	0.7	2.2
other education	0.1	0.1	0.0	0.2	0.1	0.1	0.0	0.1	1.1	1.2	0.0
Engineering											
aeronautical/astronautical eng	0.8	1.0	0.5	0.3	1.5	3.1	0.0	0.2	0.1	0.1	0.0
civil engineering	2.0	2.3	2.5	2.1	1.3	1.1	0.0	2.4	1.3	1.4	0.0
chemical engineering	0.7	0.9	1.2	0.8	0.3	0.4	0.0	0.3	0.9	1.1	0.0
electrical/electronic eng	2.3	2.4	2.4	3.1	1.3	2.0	0.1	0.9	3.7	4.1	0.0
industrial engineering	0.4	0.2	1.1	0.8	0.1	0.2	0.0	0.0	0.2	0.2	0.0
mechanical engineering	2.2	3.2	2.3	2.0	1.1	1.9	0.5	0.4	2.4	2.7	0.4
other engineering	0.9	1.7	1.1	0.7	0.1	0.2	0.0	0.1	1.4	1.5	0.6

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
atmospheric science	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
chemistry	1.1	1.1	1.7	0.8	1.4	1.1	0.7	2.1	0.4	0.4	0.3
earth science	0.3	0.1	0.2	0.5	0.4	0.4	0.0	0.7	0.2	0.2	0.0
marine science	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
mathematics	1.0	0.7	1.2	1.0	1.2	1.6	0.9	0.9	0.7	0.6	1.1
physics	0.6	0.5	1.2	0.4	0.7	1.1	0.2	0.3	0.0	0.0	0.0
statistics	0.1	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other physical science	0.3	0.2	0.8	0.2	0.4	0.7	0.0	0.0	0.0	0.0	0.0
Professional											
architecture or urban planning	0.9	1.8	0.6	0.7	0.1	0.2	0.2	0.1	1.2	1.3	0.0
home economics	0.2	0.6	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.5
health technology (med,dent,lab)	0.4	0.3	0.2	0.4	0.5	0.3	0.4	0.8	1.8	2.0	0.0
law <graduate major only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or information science	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	2.3	2.8	0.4	2.3	2.5	2.5	3.0	2.3	4.0	3.7	6.4
pharmacy	0.7	1.5	0.6	0.6	0.1	0.0	0.2	0.2	0.3	0.2	0.9
predental,premedical,prevet	1.0	1.4	1.8	0.7	0.8	0.8	1.1	0.5	0.6	0.5	0.9
therapy (phys,occup,speech)	1.7	1.5	0.9	2.3	1.5	0 8	3.0	1.6	1.5	1.7	0.0
other professional	0.7	0.9	0.2	0.6	0.6	0.9	0.6	0.3	1.7	1.6	2.1
Social Sciences											
anthropology	0.3	0.4	0.4	0.3	0.2	0.3	0.0	0.3	0.4	0.5	0.0
economics	1.2	1.1	1.7	0.6	2.0	2.3	1.0	2.0	0.5	0.4	1.2
ethnic studies	0.2	0.0	0.0	0.4	0.1	0.0	0.0	0.4	0.0	0.0	0.0
geography	0.3	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	4.5	4.7	9.6	2.8	4.7	4.9	4.8	4.4	5.5	5.8	2.5
psychology	5.5	4.4	4.7	5.9	6.4	6.1	6.2	6.9	4.6	4.7	4.1
social work	0.8	0.4	0.1	0.8	1.7	1.1	3.2	1.7	1.4	1.3	2.4
sociology	1.4	1.7	2.8	0.6	1.8	1.7	3.1	1.3	1.4	1.5	0.0
women's studies	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
other social science	0.4	0.3	1.0	0.1	0.6	1.1	0.0	0.2	0.2	0.2	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
data processing or computer prog	1.0	0.7	0.5	1.5	0.8	0.6	0.5	1.3	0.6	0.6	0.5
drafting or design	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.5	0.6	0.0
electronics	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.7	0.6	1.4
mechanics	0.1	0.0	0.2	0.1	0.1	0.2	0.0	0.0	0.7	0.7	0.0
other technical	0.2	0.1	0.0	0.3	0.3	0.7	0.0	0.0	0.9	0.9	1.0
Other											
agriculture	0.8	1.7	0.2	0.5	0.3	0.1	0.0	0.8	1.6	1.8	0.2
communications	3.5	2.9	1.5	4.0	4.1	4.1	4.8	3.9	2.9	2.5	5.7
computer science	1.8	1.3	1.8	2.3	1.6	1.7	2.2	1.0	1.3	1.4	1.2
forestry	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	1.0	1.0	1.2
law enforcement	0.9	0.6	0.0	1.3	1.1	0.5	2.2	1.2	3.4	3.5	2.2
military science	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.4	1.6	0.9	1.0	1.8	2.5	2.3	0.7	2.9	2.9	3.1
undecided	2.1	2.6	1.0	2.7	1.2	1.0	0.6	1.9	0.9	0.5	4.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	0.8	0.7	0.5	0.4	1.3	1.3	2.0	1.0	2.2	2.0	3.7
English (language & literature)	1.7	0.7	4.0	1.4	2.2	2.2	1.5	2.6	0.3	0.4	0.0
history	0.9	0.5	1.2	0.6	1.6	1.9	1.6	1.2	1.3	1.4	1.0
journalism	0.8	1.0	0.6	0.4	1.1	1.3	1.1	1.0	0.0	0.0	0.0
language/literature (except Eng)	0.9	1.3	0.7	0.6	0.8	0.9	0.6	0.9	0.3	0.3	0.0
music	1.0	1.7	1.4	0.6	0.6	0.7	0.5	0.6	0.8	1.0	0.0
philosophy	0.3	0.2	0.0	0.2	0.4	0.4	0.0	0.6	0.0	0.0	0.0
speech	0.2	0.2	0.0	0.2	0.2	0.1	0.3	0.3	0.3	0.3	0.0
theater or drama	0.7	1.2	0.6	0.2	0.7	1.2	0.3	0.3	1.1	0.7	3.5
theology or religion	0.4	0.1	0.9	0.1	0.8	0.4	0.4	1.5	0.4	0.3	0.6
other arts and humanities	0.5	0.8	0.4	0.2	0.4	0.8	0.0	0.1	0.3	0.3	0.7
Biological Sciences											
biology (general)	0.9	1.4	1.0	0.7	0.6	0.8	0.3	0.4	0.0	0.0	0.0
biochemistry or biophysics	0.3	0.5	0.0	0.1	0.5	0.7	0.4	0.5	0.0	0.0	0.0
botany	0.1	0.2	0.4	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0
marine (life) science	0.8	0.8	0.2	1.4	0.5	0.3	0.0	1.0	0.1	0.0	1.1
microbiology or bacteriology	0.4	1.1	0.0	0.0	0.4	0.2	0.3	0.8	0.0	0.0	0.0
zoology	0.6	0.2	0.0	0.8	0.8	1.1	1.5	0.1	0.0	0.0	0.0
other biological science	1.1	1.3	1.0	0.9	1.1	1.0	1.4	1.1	1.0	1.1	0.8
Business											
accounting	4.3	3.2	2.1	7.5	2.5	1.7	1.7	4.0	4.9	4.7	5.9
business admin (general)	5.0	3.7	7.7	4.5	5.9	5.4	9.0	5.1	1.5	1.8	0.0
finance	1.6	0.9	2.2	1.9	1.7	1.3	1.7	2.2	0.9	1.1	0.0
marketing	2.0	1.2	0.3	2.4	3.1	2.2	3.2	4.2	0.6	0.2	3.3
management	3.3	2.6	1.4	4.4	3.5	2.4	5.9	3.7	2.5	2.9	0.0
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0
other business	1.7	2.3	1.7	1.7	1.1	0.6	1.9	1.3	2.0	2.1	1.0
Education											
business education	0.1	0.0	0.3	0.2	0.1	0.0	0.6	0.0	0.3	0.3	0.0
elementary education	5.0	4.8	2.2	7.7	3.0	3.3	2.9	2.6	5.9	3.0	26.3
music or art education	0.3	0.3	0.3	0.1	0.4	0.1	0.0	1.1	0.0	0.0	0.0
physical education or recreation	0.2	0.3	0.3	0.2	0.1	0.2	0.3	0.0	0.8	0.9	0.0
secondary education	2.4	2.8	2.7	2.2	2.0	2.4	0.7	2.0	0.2	0.2	0.0
special education	0.9	1.2	0.4	0.3	1.3	1.0	1.6	1.5	0.3	0.4	0.0
other education	0.9	0.1	0.4	1.2	1.3	0.9	1.5	1.8	1.4	1.4	1.6
Engineering											
aeronautical/astronautical eng	0.9	0.7	1.1	0.3	1.6	2.9	0.0	0.6	0.9	0.8	1.4
civil engineering	0.8	1.2	2.7	0.3	0.1	0.0	0.4	0.0	1.3	1.5	0.0
chemical engineering	0.6	0.8	0.4	0.8	0.2	0.4	0.0	0.2	1.0	1.2	0.0
electrical/electronic eng	1.2	1.0	0.8	1.7	1.0	1.7	0.0	0.6	1.6	1.9	0.0
industrial engineering	0.2	0.1	0.2	0.1	0.4	0.7	0.0	0.2	0.0	0.0	0.0
mechanical engineering	0.9	1.1	1.6	0.8	0.5	1.0	0.0	0.0	2.6	2.9	0.0
other engineering	1.3	1.7	1.3	1.3	0.7	1.0	0.0	0.6	1.1	1.0	1.8

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
atmospheric science	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0
chemistry	0.6	0.4	0.9	0.6	0.6	0.5	0.2	0.9	0.3	0.3	0.0
earth science	0.4	0.7	0.0	0.5	0.3	0.5	0.0	0.3	0.8	1.0	0.0
marine science	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics	0.7	0.3	1.0	0.9	0.6	0.9	0.5	0.3	1.5	1.6	0.6
physics	0.4	0.5	0.8	0.2	0.3	0.4	0.0	0.3	0.0	0.0	0.0
statistics	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0
other physical science	0.2	0.0	0.2	0.1	0.4	0.7	0.0	0.0	0.0	0.0	0.0
Professional											
architecture or urban planning	1.5	1.8	0.4	1.6	1.6	1.6	0.0	2.4	1.4	1.5	0.4
home economics	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology (med,dent,lab)	2.4	1.6	4.7	1.7	3.2	4.0	1.5	2.8	0.9	0.8	1.5
law	11.4	13.7	15.6	7.0	12.4	10.9	16.6	12.4	13.9	15.3	4.2
library or information science	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.1	0.0	0.0	0.0
nursing	0.9	1.1	0.0	1.5	0.5	0.4	0.3	0.6	4.6	4.7	4.2
pharmacy	0.6	0.7	0.0	0.8	0.6	0.5	0.3	0.8	0.7	0.7	0.7
predental,premedical,prevet	4.1	5.0	7.9	2.3	3.8	3.7	4.4	3.7	2.3	2.5	0.7
therapy (phys,occup,speech)	4.2	2.7	2.5	6.3	3.8	3.2	5.0	3.9	3.7	4.1	1.2
other professional	1.5	2.0	1.6	1.4	1.0	0.8	1.6	1.1	1.9	1.7	3.3
Social Sciences											
anthropology	0.9	0.8	0.3	1.8	0.2	0.3	0.3	0.0	0.6	0.7	0.0
economics	0.7	0.9	0.7	0.5	0.7	0.9	0.5	0.5	0.0	0.0	0.0
ethnic studies	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
geography	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.0	3.7	4.3	2.4	2.4	2.4	3.5	1.9	1.5	1.4	2.1
psychology	7.4	6.1	4.6	9.7	7.1	5.4	9.6	8.1	6.2	5.0	14.0
social work	1.4	0.9	1.3	1.0	2.5	3.3	3.8	0.8	0.6	0.5	1.7
sociology	0.7	0.8	1.8	0.5	0.4	0.2	0.9	0.4	0.3	0.3	0.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.5	0.5	0.3	0.5	0.6	0.8	0.3	0.5	0.2	0.0	1.4
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0
data processing or computer prog	0.7	0.8	0.2	0.8	0.6	0.3	0.2	1.2	0.2	0.3	0.0
drafting or design	0.2	0.2	0.0	0.2	0.3	0.0	0.0	0.8	0.0	0.0	0.0
electronics	0.1	0.0	0.0	0.0	0.5	0.7	0.0	0.6	0.2	0.2	0.0
mechanics	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.3	0.3	0.0
other technical	0.1	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.7	0.9	0.0
Other											
agriculture	0.4	1.1	0.0	0.0	0.1	0.2	0.0	0.1	0.3	0.3	0.0
communications	1.8	0.9	0.9	2.1	2.6	3.0	1.1	2.7	2.1	1.7	4.7
computer science	1.2	1.0	1.2	1.6	0.8	1.0	0.2	1.0	1.9	2.0	1.2
forestry	0.2	0.0	0.0	0.3	0.3	0.1	0.0	0.6	1.3	1.5	0.0
law enforcement	0.3	0.4	0.3	0.3	0.4	0.3	0.6	0.4	1.6	1.5	2.3
military science	0.1	0.1	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0
other field	1.2	0.8	0.8	0.8	2.3	2.1	3.3	2.1	2.5	2.7	1.2
undecided	3.9	5.5	4.4	2.6	3.5	4.9	1.2	2.8	8.2	9.1	1.8

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Socializing with Friends											
none	0.2	0.1	0.2	0.2	0.3	0.6	0.0	0.1	0.5	0.5	0.9
less than one	1.0	1.2	0.6	1.0	1.0	1.5	0.6	0.3	1.5	1.5	1.2
1 to 2	4.9	5.0	2.6	5.6	4.5	4.4	5.2	4.4	4.6	4.5	5.5
3 to 5	15.0	14.5	12.6	16.6	14.1	14.9	11.5	14.2	18.5	19.7	9.2
6 to 10	22.1	24.7	23.4	20.4	21.0	19.4	20.7	23.6	28.1	29.5	16.5
11 to 15	19.6	19.2	23.2	18.2	20.6	22.2	20.9	18.1	13.2	11.7	26.1
16 to 20	14.6	13.3	16.3	15.1	14.8	13.5	14.7	17.0	14.9	15.0	14.7
more than 20	22.6	21.9	21.1	22.8	23.7	23.6	26.4	22.3	18.6	17.7	25.8
Exercising or Sports											
none	3.5	2.3	2.2	5.0	3.2	4.1	2.2	2.5	5.1	5.0	6.0
less than one	8.4	8.1	9.9	8.9	7.6	7.8	7.5	7.4	8.2	8.1	8.8
1 to 2	16.7	17.1	15.4	16.9	16.4	16.0	17.8	16.1	16.5	17.0	12.6
3 to 5	20.7	19.5	21.1	22.6	19.5	19.3	20.4	19.2	27.8	27.8	27.3
6 to 10	18.6	21.7	20.7	15.5	18.7	18.7	19.2	18.4	18.2	18.8	12.9
11 to 15	14.3	14.5	14.4	14.2	14.2	13.8	13.7	14.9	10.4	10.3	11.6
16 to 20	8.3	5.9	8.4	9.1	10.0	11.4	6.0	10.1	9.1	8.5	14.2
more than 20	9.4	11.0	7.8	7.7	10.3	8.7	13.0	11.4	4.7	4.4	6.6
Partying											
none	12.7	11.8	12.5	12.1	14.3	12.2	11.5	19.1	13.5	13.6	12.3
less than one	13.4	13.9	11.0	13.2	13.8	13.1	10.2	16.7	10.6	10.9	8.9
1 to 2	17.8	17.1	16.9	17.4	19.4	21.6	13.7	19.1	24.5	24.7	22.4
3 to 5	24.8	24.5	28.3	25.1	23.5	25.5	28.9	17.7	21.7	21.6	22.5
6 to 10	16.8	18.0	16.8	16.9	15.3	14.8	17.8	14.6	17.8	17.9	17.6
11 to 15	7.7	9.2	7.5	7.5	6.3	6.6	6.4	5.7	5.6	5.3	8.0
16 to 20	3.5	2.2	2.1	5.0	3.2	2.9	4.0	3.1	2.4	2.2	3.9
more than 20	3.5	3.3	4.9	2.8	4.2	3.2	7.4	4.0	3.9	3.8	4.5
Working (for pay)											
none	26.0	26.0	31.4	21.7	29.9	31.9	25.5	29.4	17.7	17.4	20.5
less than one	2.4	2.4	3.8	1.6	2.8	2.1	1.4	4.5	2.3	2.2	3.8
1 to 2	3.5	2.8	4.2	3.9	3.6	2.6	5.0	4.2	5.6	5.7	5.0
3 to 5	6.4	8.3	10.4	4.1	6.2	5.6	7.2	6.7	8.6	8.7	7.6
6 to 10	11.5	11.1	12.9	11.4	11.6	11.2	11.7	12.2	13.6	13.9	10.4
11 to 15	13.2	14.2	11.6	13.9	11.9	12.4	13.7	10.1	10.8	11.0	8.4
16 to 20	16.3	15.5	13.3	18.6	15.0	13.0	16.8	17.0	19.2	18.9	21.3
more than 20	20.7	19.8	12.4	24.8	19.0	21.3	18.7	15.9	22.2	22.1	23.0
Student Clubs and Groups											
none	22.6	22.4	12.9	26.8	20.6	19.5	22.8	21.1	35.0	36.3	23.6
less than one	13.2	14.8	9.8	13.2	12.8	13.0	12.9	12.3	14.7	14.6	14.9
1 to 2	26.2	28.1	28.4	25.2	24.9	27.3	22.0	22.8	20.0	19.3	25.9
3 to 5	20.0	16.4	23.1	20.0	22.8	22.4	23.2	23.1	16.5	16.1	19.4
6 to 10	9.6	9.2	13.8	7.8	11.3	9.8	11.4	13.3	7.1	6.7	9.9
11 to 15	3.7	3.9	5.9	3.0	3.6	3.6	3.0	4.0	2.2	2.0	3.4
16 to 20	1.8	1.0	4.1	1.7	1.9	2.2	2.5	1.3	0.6	0.5	1.4
more than 20	2.8	4.2	1.9	2.3	2.2	2.1	2.2	2.2	4.0	4.3	1.5

1991 FOLLOW-UP OF 1989 FRESHMEN
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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Watching TV											
none	5.3	4.9	5.3	5.5	5.5	5.9	7.0	4.1	4.4	4.1	6.6
less than one	13.4	14.8	15.8	11.7	13.4	13.1	14.0	13.5	13.4	12.8	19.2
1 to 2	20.6	21.6	21.8	19.3	20.8	18.8	21.3	23.4	19.8	20.6	13.1
3 to 5	28.2	27.7	24.0	30.0	27.7	28.5	26.7	26.9	31.7	32.2	27.4
6 to 10	18.3	17.4	20.7	18.7	18.0	16.8	17.1	20.2	21.8	21.9	20.6
11 to 15	7.7	6.8	7.1	7.9	8.5	9.5	8.3	6.9	4.5	4.3	6.0
16 to 20	2.4	2.7	1.6	2.2	2.6	3.0	2.0	2.4	2.1	1.9	4.3
more than 20	4.1	4.1	3.7	4.7	3.7	4.4	3.5	2.7	2.4	2.3	2.8
Hobbies											
none	7.8	7.5	6.9	8.4	7.7	8.3	9.2	5.9	9.1	9.8	3.4
less than one	13.6	13.5	13.9	12.6	15.0	13.6	14.4	17.4	17.5	18.3	11.1
1 to 2	25.5	25.9	28.1	24.3	25.9	25.7	26.0	26.1	25.0	24.4	30.3
3 to 5	26.4	25.9	26.5	28.1	24.7	25.8	24.8	22.9	20.7	20.3	24.1
6 to 10	13.9	13.0	13.7	14.6	14.1	14.6	13.8	13.6	17.0	17.0	16.7
11 to 15	6.3	7.6	5.4	5.7	5.9	5.7	7.2	5.4	5.2	5.2	5.3
16 to 20	2.4	2.1	2.4	2.5	2.4	2.1	2.3	3.0	2.5	2.5	2.7
more than 20	4.1	4.6	3.1	3.7	4.4	4.2	2.4	5.7	2.9	2.5	6.4
Studying or Doing Homework											
none	0.7	0.7	1.1	0.5	0.8	0.7	0.4	1.1	1.5	1.5	1.1
less than one	6.5	9.5	4.1	6.5	4.1	4.3	6.8	2.3	8.6	8.4	10.9
1 to 2	15.4	13.5	9.9	19.2	14.2	16.1	9.7	13.7	21.3	21.3	21.4
3 to 5	28.4	27.3	21.5	32.7	26.1	25.9	28.2	25.3	34.3	34.7	30.7
6 to 10	28.3	26.8	29.0	27.9	30.3	30.7	29.7	30.0	21.5	21.5	21.2
11 to 15	11.3	11.1	16.9	8.4	13.3	11.3	14.4	15.9	8.5	8.4	9.5
16 to 20	5.8	7.2	9.1	2.8	7.0	6.1	8.0	7.7	2.8	2.8	3.6
more than 20	3.7	3.8	8.4	2.1	4.2	4.9	2.7	3.9	1.5	1.4	1.6
Talking w/Teacher Outside Class											
none	5.3	5.7	2.8	6.4	4.4	4.1	4.9	4.6	7.3	7.4	6.1
less than one	31.4	34.7	30.9	33.1	25.7	24.7	27.5	26.3	27.3	26.8	31.4
1 to 2	32.0	30.8	32.0	31.5	34.1	33.8	35.9	33.5	29.0	29.1	28.1
3 to 5	16.7	14.4	20.7	16.4	18.3	19.2	14.2	19.1	19.0	19.1	18.1
6 to 10	7.0	7.8	7.7	5.6	7.6	8.2	6.5	7.4	7.8	8.0	5.9
11 to 15	4.0	3.1	3.1	3.6	5.7	6.3	5.2	5.0	4.6	4.3	6.7
16 to 20	1.7	1.6	1.7	1.8	1.5	1.0	1.9	2.1	3.1	3.3	1.7
more than 20	1.9	1.8	1.1	1.6	2.7	2.6	4.0	2.0	1.9	1.9	2.0

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.1	0.2	0.1	0.1	0.1	0.0	0.2	0.3	0.1	0.1	0.0
less than one	0.7	0.8	1.1	0.6	0.7	0.7	1.0	0.5	1.4	1.4	1.7
1 to 2	4.5	3.3	2.7	6.1	4.4	4.9	3.6	4.0	5.8	6.2	3.1
3 to 5	13.2	14.0	11.6	14.9	10.7	10.0	12.2	10.8	12.0	12.6	6.6
6 to 10	23.1	24.3	24.1	22.2	22.8	22.8	21.2	23.6	23.5	23.3	24.9
11 to 15	17.8	17.8	22.5	17.3	17.2	16.3	17.5	18.3	15.7	16.5	9.2
16 to 20	14.2	13.5	12.4	13.7	16.2	17.7	13.7	15.4	12.1	11.3	18.6
more than 20	26.2	26.2	25.5	25.2	27.9	27.6	30.5	27.0	29.4	28.6	36.0
Exercising or Sports											
none	3.1	2.2	3.4	4.0	2.8	4.0	2.4	1.4	4.5	4.7	3.5
less than one	9.6	9.5	8.0	10.6	9.1	10.4	5.7	9.0	14.0	14.7	7.9
1 to 2	20.2	19.1	22.3	20.9	19.8	19.3	23.2	18.8	20.9	20.6	23.3
3 to 5	28.9	29.5	30.5	28.0	28.7	26.5	29.7	31.5	26.4	26.4	26.9
6 to 10	20.5	23.4	21.1	18.4	20.0	18.7	20.2	21.8	15.4	14.9	19.6
11 to 15	9.4	8.9	7.4	10.2	9.6	11.5	8.4	7.3	7.8	7.9	7.5
16 to 20	3.9	2.3	3.6	4.7	4.8	4.6	5.2	4.7	7.9	7.8	8.3
more than 20	4.3	5.1	3.6	3.1	5.2	5.0	5.3	5.5	3.1	3.1	3.0
Reading for Pleasure											
none	18.5	19.4	19.6	17.8	18.1	16.8	20.4	18.9	22.0	22.4	18.3
less than one	28.3	27.7	31.4	27.5	29.0	25.7	32.3	32.3	22.9	22.3	27.7
1 to 2	28.8	29.3	27.3	30.8	26.0	28.0	21.3	25.5	29.5	29.5	29.6
3 to 5	14.8	14.3	15.5	13.8	16.5	18.8	15.8	13.5	12.1	12.2	11.6
6 to 10	6.1	5.2	4.4	7.2	6.2	5.9	7.2	6.2	6.7	6.4	9.0
11 to 15	1.8	2.7	0.6	1.2	2.0	2.3	1.2	2.0	4.2	4.5	2.1
16 to 20	0.8	0.5	0.5	0.8	1.3	1.3	1.3	1.3	1.1	1.1	0.8
more than 20	0.8	0.9	0.8	0.8	0.8	1.2	0.4	0.3	1.5	1.6	0.9
Using a Personal Computer											
none	14.5	16.5	10.0	14.6	13.5	15.6	10.8	11.8	23.9	24.2	21.7
less than one	19.8	23.9	12.1	20.2	17.5	13.8	21.2	21.1	19.4	19.6	17.7
1 to 2	22.1	20.8	22.9	23.5	21.5	21.2	22.6	21.4	21.1	20.3	26.8
3 to 5	22.1	18.4	27.2	23.3	23.1	20.3	25.5	25.9	14.4	14.1	16.9
6 to 10	10.2	8.7	13.1	8.8	13.1	13.6	10.7	13.5	8.9	9.2	6.2
11 to 15	5.9	5.5	8.3	5.2	6.7	9.8	4.8	2.9	3.8	3.8	4.2
16 to 20	2.4	2.7	3.9	1.8	2.2	2.6	1.9	1.9	1.6	1.5	2.4
more than 20	2.8	3.6	2.5	2.5	2.5	3.2	2.6	1.5	7.0	7.3	4.1
Partying											
none	14.2	11.1	13.5	16.1	15.3	13.6	10.5	20.4	13.8	12.9	21.3
less than one	11.4	11.4	8.6	12.6	11.0	9.1	9.4	14.7	11.2	11.5	8.8
1 to 2	15.2	14.3	16.6	15.3	15.4	16.6	13.6	14.7	16.4	16.7	14.4
3 to 5	26.2	27.4	26.1	26.6	24.4	26.0	26.2	21.1	21.9	21.1	28.1
6 to 10	18.7	19.5	20.1	16.8	19.7	21.9	22.2	15.2	23.7	25.5	9.0
11 to 15	7.2	7.9	8.2	6.6	7.0	6.4	8.9	6.8	7.5	7.2	10.3
16 to 20	3.6	4.9	4.3	2.7	3.1	3.3	4.1	2.0	3.6	3.6	3.7
more than 20	3.5	3.5	2.7	3.3	4.1	3.2	5.0	5.1	2.0	1.7	4.3

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	31.1	36.7	36.8	29.3	25.3	26.7	24.6	23.4	22.8	23.0	21.4
less than one	2.6	4.0	1.8	1.6	2.7	3.2	1.4	2.6	1.0	0.8	2.5
1 to 2	2.9	2.2	2.6	2.7	3.8	4.2	2.5	4.1	5.2	5.4	3.9
3 to 5	5.7	4.9	6.5	3.8	8.8	8.5	7.8	10.0	5.3	4.9	8.6
6 to 10	12.8	10.4	16.1	10.4	17.6	16.9	15.5	19.9	9.8	8.8	17.6
11 to 15	13.0	12.5	18.0	11.2	14.3	11.8	17.6	16.3	9.3	8.8	12.9
16 to 20	11.2	13.3	7.3	12.4	8.6	9.0	10.9	6.9	16.3	16.9	11.7
more than 20	20.7	15.9	11.0	28.5	18.8	19.8	19.7	17.0	30.4	31.5	21.4
Clubs or Groups											
none	33.9	34.7	22.4	38.7	30.5	32.2	31.7	27.3	52.8	54.9	36.1
less than one	11.4	11.6	7.7	11.1	12.8	11.0	16.5	13.7	14.9	15.7	8.0
1 to 2	19.1	17.3	19.8	17.8	22.7	22.9	22.5	22.6	13.4	13.7	11.2
3 to 5	17.6	18.0	22.2	15.9	17.8	17.0	16.9	19.4	8.1	5.8	26.6
6 to 10	9.6	9.5	15.8	7.6	10.1	10.5	7.0	11.3	6.6	6.0	10.9
11 to 15	4.1	4.4	7.1	4.2	2.8	3.3	2.2	2.2	1.7	1.3	4.8
16 to 20	2.1	2.2	3.1	1.9	1.9	1.6	1.2	2.9	0.6	0.4	1.7
more than 20	2.2	2.3	1.9	2.8	1.3	1.5	1.8	0.8	2.0	2.1	0.7
Watching TV											
none	6.8	6.6	13.4	3.9	8.6	10.5	5.1	7.6	5.6	5.2	8.4
less than one	12.6	12.1	13.5	10.4	15.9	14.5	15.3	18.4	10.7	10.1	16.0
1 to 2	19.5	19.8	20.2	18.9	19.8	21.0	19.3	18.3	15.9	15.8	17.2
3 to 5	25.1	25.5	26.9	26.0	23.0	20.9	29.4	22.7	26.9	27.1	25.9
6 to 10	19.4	20.3	15.0	21.7	16.8	14.8	16.3	20.0	22.1	22.6	17.8
11 to 15	8.7	7.8	6.4	9.7	9.1	8.9	8.9	9.4	7.6	7.3	10.2
16 to 20	4.0	3.5	1.7	5.2	3.7	5.5	3.0	1.4	7.0	7.7	1.0
more than 20	3.8	4.4	2.9	4.1	3.1	3.8	2.8	2.2	4.1	4.2	3.4
Commuting											
none	48.8	49.4	60.8	42.5	52.6	52.7	47.6	55.0	29.0	27.5	42.0
less than one	12.6	13.5	13.7	11.0	13.4	14.1	11.9	13.1	11.9	12.1	10.5
1 to 2	14.1	14.8	10.1	15.2	13.2	12.8	15.9	12.3	16.7	16.8	16.6
3 to 5	13.9	12.5	8.2	18.2	11.6	10.5	13.4	12.3	18.9	19.5	13.2
6 to 10	6.3	6.3	5.1	7.2	5.4	6.0	5.5	4.7	13.0	13.6	8.4
11 to 15	1.9	1.8	1.3	2.4	1.3	1.3	2.6	0.6	6.5	6.7	5.3
16 to 20	0.9	0.3	0.1	1.5	0.9	0.6	0.9	1.3	1.3	1.2	1.8
more than 20	1.5	1.3	0.6	2.0	1.6	2.0	2.2	0.6	2.6	2.7	2.2
Religious Services or Meetings											
none	42.2	48.6	42.9	41.7	35.4	45.2	27.2	25.1	40.8	42.5	26.7
less than one	21.6	21.1	17.5	22.8	22.0	20.0	26.3	22.8	23.9	24.7	18.1
1 to 2	26.0	24.1	25.8	24.7	29.9	24.7	40.6	31.8	25.9	25.5	29.4
3 to 5	7.0	4.5	8.9	6.7	9.5	7.0	4.7	15.8	7.9	6.3	21.5
6 to 10	2.4	1.2	4.0	2.8	2.5	2.2	0.8	4.0	0.3	0.2	0.9
11 to 15	0.5	0.4	0.4	0.7	0.5	0.5	0.2	0.5	0.7	0.7	0.8
16 to 20	0.1	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.0
more than 20	0.3	0.1	0.0	0.6	0.2	0.4	0.1	0.0	0.3	0.1	1.5

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HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	20.3	20.8	24.3	18.5	20.7	22.1	19.1	19.5	13.9	14.3	10.4
less than one	22.2	21.9	25.0	21.3	22.9	20.9	23.6	25.4	18.6	18.9	16.2
1 to 2	28.2	29.1	25.7	28.8	27.3	28.0	30.2	24.7	29.3	28.6	34.8
3 to 5	17.0	16.5	14.3	17.4	17.7	16.7	16.9	19.7	20.3	20.3	20.4
6 to 10	7.4	6.0	8.0	9.1	6.7	6.6	7.3	6.5	8.6	8.6	8.0
11 to 15	2.4	2.8	1.4	2.4	2.6	2.8	1.8	2.7	6.3	6.4	5.5
16 to 20	1.1	1.4	0.9	0.8	1.2	1.5	0.8	1.0	0.8	0.6	2.7
more than 20	1.3	1.6	0.5	1.7	0.9	1.5	0.2	0.3	2.2	2.2	2.0
Classes or Labs											
none	2.3	1.0	1.3	3.4	2.6	1.8	3.5	3.2	9.8	10.0	7.9
less than one	1.0	1.0	0.5	1.3	0.5	0.4	0.3	0.7	1.2	1.2	1.7
1 to 2	1.5	0.9	1.2	2.0	1.8	1.9	1.2	2.0	2.9	3.0	2.4
3 to 5	4.9	4.0	2.0	6.0	5.5	5.1	5.5	5.9	7.7	7.7	7.5
6 to 10	10.4	9.2	7.2	11.6	11.4	14.7	7.6	8.5	13.9	14.1	12.2
11 to 15	33.9	34.8	33.1	34.4	32.4	33.7	35.0	29.1	24.0	23.1	31.2
16 to 20	30.1	31.9	37.7	27.3	29.4	24.8	32.6	34.5	22.8	22.9	22.1
more than 20	15.9	17.2	16.9	14.1	16.4	17.5	14.2	16.1	17.8	18.1	15.1
Studying or Doing Homework											
none	2.0	0.8	0.9	3.1	2.1	1.7	2.5	2.4	8.2	8.5	5.6
less than one	1.0	0.1	0.1	1.8	1.0	1.4	0.2	1.0	0.6	0.5	1.1
1 to 2	5.0	4.5	1.7	6.3	4.7	6.1	4.0	3.0	9.2	9.8	5.0
3 to 5	16.8	15.6	11.1	20.6	14.9	15.6	16.2	13.1	21.4	20.6	28.8
6 to 10	26.7	27.9	23.2	27.1	26.0	26.1	25.1	26.5	25.6	24.8	32.0
11 to 15	21.3	22.0	23.0	20.3	21.5	20.4	22.4	22.6	17.0	17.6	11.8
16 to 20	12.9	13.2	15.7	11.2	13.9	13.4	13.2	15.0	10.9	11.2	8.5
more than 20	14.4	15.9	24.3	9.6	16.0	15.4	16.4	16.5	7.0	7.0	7.3
Talking w/Faculty Outside Class											
none	17.7	22.1	13.4	20.5	10.4	11.1	11.3	8.9	22.2	23.5	11.8
less than one	51.0	54.2	50.6	50.3	48.5	47.6	50.0	48.9	40.1	40.8	34.2
1 to 2	23.3	18.6	30.2	21.1	29.1	28.5	30.2	29.6	28.0	27.8	30.3
3 to 5	6.2	4.2	4.4	6.2	8.9	9.7	6.6	9.1	7.5	6.1	19.3
6 to 10	1.4	0.6	0.7	1.6	2.3	2.1	1.5	3.0	1.3	1.0	4.1
11 to 15	0.2	0.1	0.3	0.2	0.5	0.9	0.1	0.1	0.2	0.2	0.0
16 to 20	0.1	0.0	0.3	0.1	0.2	0.0	0.2	0.4	0.2	0.2	0.0
more than 20	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.4	0.4	0.4

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ALL STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	7.6	10.0	9.8	7.2	4.6	4.1	4.7	5.4	8.4	8.6	6.9
one	20.6	26.3	19.0	19.9	15.5	18.4	10.7	13.7	22.6	23.1	18.1
more than one	71.9	63.7	71.1	72.8	79.9	77.6	84.6	80.9	69.0	68.3	75.0
Emotional Support/Encouragement											
none	26.4	33.9	31.9	25.2	17.9	20.0	13.4	17.2	17.9	18.4	14.0
one	26.4	30.0	22.4	28.3	21.3	22.7	21.8	18.9	28.9	29.5	24.4
more than one	47.2	36.1	45.7	46.6	60.8	57.3	64.7	63.9	53.1	52.1	61.6
Sponsorship for Special Programs											
none	55.4	64.8	54.4	56.8	43.2	45.1	45.8	39.0	58.9	59.8	51.0
one	19.7	18.3	17.5	21.6	19.3	18.8	19.3	20.0	19.0	19.1	18.2
more than one	24.9	16.8	28.1	21.6	37.5	36.2	34.9	41.0	22.1	21.1	30.8
Letter of Recommendation for Job											
none	46.1	56.0	42.5	47.6	34.1	34.6	34.6	33.2	41.3	42.5	31.3
one	15.9	17.3	15.1	16.6	13.8	15.2	13.6	11.7	20.9	22.2	9.7
more than one	38.0	26.7	42.3	35.8	52.1	50.2	51.8	55.1	37.8	35.2	59.0
Help Cutting Through "Red Tape"											
none	45.5	51.2	47.6	46.8	36.5	39.8	32.8	33.6	45.4	46.1	39.5
one	24.9	27.3	24.8	23.5	24.3	20.9	29.0	26.8	26.1	27.0	18.8
more than one	29.6	21.5	27.6	29.7	39.2	39.2	38.2	39.6	28.5	26.9	41.7
Tutorial Assist in Study Skills											
none	29.0	36.1	34.6	24.3	25.5	24.9	21.7	28.5	18.8	18.8	18.9
one	23.5	24.5	19.8	24.4	22.4	24.0	21.1	20.8	25.8	26.3	21.2
more than one	47.5	39.4	45.6	51.3	52.1	51.1	57.2	50.7	55.4	54.8	59.9
Honest Feedback About Skills											
none	16.4	21.2	18.3	15.4	12.0	13.9	8.4	11.0	11.4	11.4	11.4
one	24.7	29.5	20.4	25.0	20.3	21.4	20.3	18.6	24.1	24.6	20.0
more than one	58.9	49.3	61.3	59.6	67.7	64.6	71.3	70.4	64.5	64.0	68.6
Intellect Challenge/Stimulation											
none	11.6	15.7	8.9	11.0	8.8	12.2	7.2	4.7	16.9	17.6	10.9
one	18.1	19.8	12.8	21.3	13.8	12.8	16.0	14.0	22.0	22.0	22.3
more than one	70.3	64.5	78.4	67.7	77.4	75.0	76.8	81.3	61.1	60.4	66.8
Role Model											
none	35.8	42.4	33.7	35.1	30.0	33.4	27.6	26.1	33.5	34.1	28.7
one	23.6	28.4	23.6	22.7	19.5	20.7	21.5	16.5	26.0	26.8	19.5
more than one	40.6	29.2	42.7	42.2	50.6	45.9	50.9	57.5	40.4	39.1	51.8

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Year Graduated from High School											
1989	96.7	97.7	98.5	95.4	96.6	96.8	98.4	95.3	90.1	89.8	93.4
1988	1.7	1.3	0.6	2.0	2.3	2.3	1.6	2.8	1.7	1.5	4.0
1987	0.2	0.3	0.0	0.1	0.1	0.0	0.0	0.3	0.5	0.4	0.9
1986 or earlier	1.3	0.7	0.9	2.3	1.0	0.9	0.0	1.6	1.4	1.5	1.0
H.S. equivalency (G.E.D. test)	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	6.3	6.8	0.7
never completed high school	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Age on December 31, 1991											
18 or younger	0.1	0.1	0.8	0.0	0.1	0.0	0.0	0.4	0.2	0.2	0.0
19	2.2	2.5	3.0	2.1	1.8	2.7	1.4	0.7	1.7	1.8	0.8
20	69.5	72.4	67.7	67.0	69.8	75.0	72.3	60.3	70.9	70.7	72.7
21	24.9	22.9	27.6	25.9	25.0	20.7	22.5	33.2	23.8	23.7	24.7
22	2.1	1.4	0.0	3.2	2.1	0.8	3.3	3.5	1.7	1.8	0.9
23 to 26	0.7	0.5	0.0	1.1	0.6	0.5	0.5	0.8	1.2	1.3	0.0
27 to 31	0.1	0.0	0.0	0.0	0.4	0.3	0.0	0.7	0.0	0.0	0.0
32 to 41	0.4	0.2	0.9	0.6	0.1	0.0	0.0	0.3	0.1	0.0	1.0
42 to 56	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0
57 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)											
White/Caucasian	82.5	83.9	84.0	79.6	84.1	79.2	91.7	88.3	89.5	89.1	94.0
African-American/Black	9.3	5.2	4.6	13.7	10.1	13.9	4.3	6.8	0.7	0.5	2.6
American Indian	0.8	1.0	0.5	1.0	0.5	0.4	0.0	0.7	6.7	7.1	1.9
Asian-American/Oriental	3.8	4.3	8.8	2.1	3.4	3.8	1.0	3.9	1.8	1.8	1.9
Mexican-American/Chicano	1.1	2.4	1.8	0.2	0.7	0.0	1.4	1.6	1.4	1.6	0.0
Puerto Rican-American	0.3	0.5	0.9	0.2	0.2	0.3	0.0	0.0	5.4	5.9	0.0
other	3.4	4.4	2.3	3.8	2.0	2.9	2.1	0.6	0.4	0.3	1.5
Miles from College to Home											
5 or less	3.8	2.1	3.8	5.7	3.3	2.5	6.1	3.2	17.1	17.9	9.5
6 to 10	4.7	2.9	2.9	8.1	2.9	2.2	6.4	2.5	11.0	11.5	6.4
11 to 50	23.2	23.8	11.0	31.6	15.9	14.0	20.4	16.8	36.0	38.1	14.9
51 to 100	16.2	16.4	8.7	18.5	15.8	14.0	15.4	18.9	20.1	19.4	26.8
101 to 500	37.6	44.9	44.0	29.9	36.5	32.3	33.1	44.8	13.1	11.8	26.3
more than 500	14.6	9.9	29.6	6.1	25.6	35.1	18.7	13.9	2.6	1.2	16.1
Took Credit Courses at Freshman College Before Enrollment											
no	95.8	97.1	96.5	93.8	96.5	97.1	97.3	95.3	95.8	95.6	98.1
yes	4.2	2.9	3.5	6.2	3.5	2.9	2.7	4.7	4.2	4.4	1.9
Status of Parents in 1989											
together	74.5	77.3	80.6	69.1	76.0	73.4	78.0	79.2	78.2	79.1	69.2
divorced or separated	22.0	20.3	14.9	26.6	20.5	23.2	15.9	18.6	17.3	16.4	25.7
one or both deceased	3.5	2.4	4.5	4.3	3.4	3.4	6.1	2.2	4.5	4.5	5.1

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Average High School Grade											
A or A+	13.1	16.1	25.7	7.7	11.8	12.9	6.7	12.6	3.9	4.0	2.4
A-	14.9	16.8	27.6	10.4	13.5	13.9	11.0	14.2	5.1	5.2	3.8
B+	17.9	18.5	25.6	14.5	18.5	16.9	23.7	18.5	13.7	14.4	6.4
B	23.0	24.9	13.9	25.8	20.7	23.8	24.2	14.0	27.6	28.0	23.0
B-	13.8	13.3	5.6	16.0	14.7	13.7	15.7	15.6	15.2	14.9	18.1
C+	11.1	6.4	0.7	15.2	15.4	12.5	14.8	20.3	25.5	26.4	17.0
C	6.2	4.0	0.9	10.3	5.4	6.3	3.9	4.8	8.5	6.6	26.7
D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	2.7
Average Undergraduate Grade											
A	6.1	6.7	11.4	3.9	6.4	5.6	7.2	7.4	2.6	1.8	9.8
B+,A-	21.6	18.1	34.6	19.2	23.9	24.2	18.1	26.3	12.0	11.9	13.2
B	29.8	29.3	30.4	29.7	30.4	30.9	30.9	29.4	29.8	30.6	21.8
C+,B-	26.1	30.4	16.3	27.0	23.2	21.3	23.0	26.3	28.8	28.6	30.2
C	14.1	14.0	6.6	17.2	12.8	13.1	17.9	9.7	25.7	25.8	25.0
C- or less	2.4	1.4	0.8	3.0	3.2	4.8	2.9	0.8	1.2	1.3	0.0
Degree Aspirations in 1989											
none	0.4	0.1	0.0	0.8	0.4	0.7	0.5	0.0	4.0	4.0	3.9
vocational certificate	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	2.6	2.9	0.0
associate (AA or equivalent)	0.4	0.0	0.0	0.6	0.7	0.8	0.0	0.9	8.4	9.0	3.0
bachelor's (BA, BS)	27.7	26.0	16.5	34.0	25.8	24.2	26.8	27.9	47.8	49.8	30.4
master's (MA, MS)	38.6	36.9	36.3	42.2	36.8	40.1	38.3	31.0	21.5	18.8	45.1
PhD or EdD	16.9	21.6	17.4	12.7	16.8	15.8	10.4	21.3	5.5	4.9	10.8
MD, DO, DDS, DVM	6.9	7.3	13.9	3.3	8.2	7.9	9.7	8.0	1.1	0.7	4.7
LLB or JD (law)	7.1	6.7	14.1	4.4	8.3	8.8	9.6	6.9	8.0	8.9	0.0
BD or MDiv (divinity)	0.8	0.3	1.4	0.6	1.3	0.3	0.8	3.0	0.0	0.0	0.0
other	1.0	1.0	0.4	0.8	1.7	1.4	3.9	1.0	1.1	1.0	2.0
Highest Degree Earned by 1991											
none	92.8	93.3	94.7	92.5	91.8	90.0	93.2	93.9	69.1	70.3	59.0
vocational certificate	1.5	1.2	0.3	1.9	1.9	2.7	0.9	1.1	1.1	1.2	0.0
associate (AA or equivalent)	3.9	3.3	3.5	4.7	3.9	5.3	4.2	1.5	26.7	25.2	39.9
bachelor's (BA, BS, etc.)	0.9	1.1	0.8	0.4	1.3	0.4	0.8	2.9	1.9	2.1	0.0
master's (MA, MS, etc.)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
Ph D or Ed D	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.1
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0
BD or MDiv (divinity)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other	0.8	1.0	0.6	0.6	1.0	1.6	0.5	0.3	1.1	1.2	0.0
Degree Aspirations in 1991											
none	2.0	0.2	1.1	4.1	1.8	2.1	2.1	1.3	5.5	5.1	9.0
vocational certificate	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.5	0.5	0.2
associate (AA or equivalent)	1.1	1.4	0.0	1.5	0.5	1.0	0.0	0.0	7.3	7.2	8.4
bachelor's (BA, BS, etc.)	35.3	37.3	23.5	39.4	31.9	33.2	31.9	29.9	51.6	53.0	36.8
master's (MA, MS, etc.)	37.2	38.3	29.7	39.5	35.4	36.0	34.7	34.8	25.8	25.0	34.4
Ph D or Ed D	11.2	9.8	17.8	8.4	14.2	13.8	14.2	14.9	4.1	4.1	4.5
MD, DO, DDS, DVM	5.6	6.4	12.8	2.8	5.4	5.7	3.4	6.0	0.7	0.7	1.1
JD or LLB (law)	6.6	5.7	13.5	3.6	8.9	6.8	9.9	11.8	2.8	2.8	2.5
BD or MDiv (divinity)	0.3	0.0	1.5	0.0	0.5	0.4	1.1	0.6	0.5	0.5	0.0
other	0.7	0.8	0.0	0.5	1.2	1.1	2.2	0.7	1.2	1.0	3.1

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Freshman College was Student's											
first choice	70.2	72.3	68.4	71.2	67.1	66.9	66.2	67.9	66.5	65.8	72.6
second choice	20.9	21.3	22.9	19.0	22.2	22.2	26.3	20.2	21.7	22.3	16.1
third choice	5.2	4.0	5.3	5.1	6.7	7.6	4.3	6.6	5.1	5.1	5.2
less than third choice	3.7	2.5	3.4	4.7	3.9	3.3	3.2	5.3	6.8	6.8	6.2
College Experiences Noted Very Satisfactory or Satisfactory (2)											
science and mathematics courses	65.8	66.3	69.9	64.2	65.9	66.0	64.7	66.3	58.3	58.1	59.9
humanities courses	67.5	66.7	75.3	66.5	66.8	67.5	70.8	64.0	65.1	64.7	69.1
social science courses	67.8	67.2	77.0	66.9	66.3	66.9	70.2	63.8	65.6	65.6	65.1
courses in major field	82.7	85.5	89.3	80.1	80.2	81.5	82.3	77.3	84.0	86.4	61.7
relevance of coursework to life	55.3	48.9	58.3	56.3	60.8	60.8	58.9	61.7	61.3	62.5	49.9
overall quality of instruction	73.4	64.3	80.6	73.9	81.0	80.7	79.6	82.1	74.5	75.5	65.0
lab facilities and equipment	64.2	70.1	67.8	62.1	58.5	62.1	56.1	54.1	60.2	61.5	47.5
library facilities	71.8	86.4	68.8	67.1	61.6	60.6	65.5	61.3	70.6	72.4	53.3
computer facilities	73.8	77.3	76.0	76.3	65.1	63.5	70.1	65.3	75.0	77.7	51.3
oppty for interdisciplin courses	51.7	49.6	58.5	49.0	54.3	54.1	56.7	53.8	35.9	37.3	27.3
oppty to talk to professors	71.8	59.7	74.6	74.7	81.2	76.6	81.2	88.4	77.1	77.4	74.7
oppty for extracurr activities	78.9	81.8	80.5	75.3	79.6	77.2	74.2	85.6	69.8	69.2	74.9
campus social life	64.8	76.1	64.2	60.6	56.6	53.8	62.5	58.3	54.1	55.1	45.0
academic tutoring or assistance	59.9	54.1	65.9	58.4	66.8	62.4	75.2	69.9	69.5	71.5	52.9
academic advising	52.0	45.2	51.7	53.3	58.5	56.4	59.6	61.4	49.8	49.7	50.7
career counseling and advising	42.7	35.4	48.1	44.6	47.0	44.8	54.9	46.3	44.4	45.1	37.9
personal counseling	38.8	32.2	43.1	38.4	45.0	40.8	57.0	45.2	40.7	40.4	43.9
student housing	46.4	49.1	51.8	37.9	50.6	50.0	55.1	49.6	52.4	55.1	37.3
financial aid services	39.7	32.2	42.6	41.8	44.1	41.4	42.5	48.5	41.3	41.1	42.8
contact with faculty and admin	55.3	37.1	59.9	58.8	70.4	64.7	72.2	78.3	63.7	62.8	71.8
oppty to attend films,concerts	72.3	79.6	78.5	70.0	64.3	64.3	60.2	66.0	65.5	68.1	45.0
job placement services	46.0	39.2	39.7	52.1	48.5	50.6	41.6	48.1	29.9	26.6	53.0
campus health services	59.9	65.0	55.1	59.8	55.9	58.0	61.8	50.1	54.0	55.4	44.1
class size	69.2	48.8	72.0	75.2	85.2	81.4	86.5	90.4	79.7	79.8	78.6
interaction with other students	80.9	76.6	79.9	83.4	83.3	82.1	79.9	86.7	83.6	83.8	81.3
ability to find faculty/staff	57.5	45.2	62.7	59.8	66.4	63.1	75.4	67.1	56.2	55.0	67.7
diversity of the faculty	58.0	51.7	61.5	61.1	60.0	57.7	64.1	61.5	57.7	58.3	52.6
leadership opportunities	53.3	51.5	62.8	48.9	57.4	60.0	54.7	54.7	34.2	31.9	54.9
overall college experience	75.7	77.2	82.1	75.0	72.2	71.4	73.5	72.9	73.6	75.3	57.7
Enroll at Freshman College Again											
definitely yes	33.8	36.5	44.3	29.7	32.0	30.6	28.9	35.7	29.8	30.6	22.8
probably yes	34.8	37.5	33.5	34.0	33.0	32.5	34.3	33.2	29.7	30.1	26.4
don't know	6.1	7.6	2.9	7.1	4.2	4.6	2.8	4.1	3.0	3.3	0.0
probably not	13.8	12.7	11.7	14.1	15.4	16.0	17.5	13.4	16.8	17.1	14.8
definitely not	11.6	5.6	7.6	15.1	15.4	16.2	16.5	13.6	20.6	19.0	36.0

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Took Time Off, Withdrew or Transferred											
no	72.9	76.6	85.1	68.2	69.9	70.0	75.2	67.1	74.8	77.9	45.3
transferred	16.0	13.6	10.0	16.8	20.2	18.7	18.4	23.4	14.1	11.6	38.2
withdrew	4.8	3.0	3.1	6.7	5.4	6.4	2.8	4.9	6.5	6.1	10.9
leave of absence	6.3	6.9	1.9	8.3	4.6	4.9	3.6	4.6	4.6	4.5	5.6
Reasons Noted as Very Important for Taking Time Off (3)											
reconsider goals and interests	42.4	37.5	*33.1*	42.4	48.9	44.5	*31.7*	63.8	26.5	*24.6*	*33.7*
changed career plans	30.9	27.5	*20.8*	36.1	28.2	25.3	*20.5*	36.3	38.2	*40.7*	*31.2*
wanted practical experience	10.8	12.2	*10.4*	9.3	11.8	12.9	*3.0*	13.4	6.7	*4.0*	*15.3*
didn't "fit in"	17.2	19.6	*19.8*	14.5	18.5	17.4	*27.9*	16.3	11.7	*8.6*	*21.2*
was bored with course work	11.1	9.2	*6.4*	11.6	13.1	14.1	*10.0*	12.7	10.3	*8.4*	*16.0*
wanted better acad reputation	21.3	12.4	*7.8*	25.8	25.8	24.5	*11.5*	34.1	18.3	*16.1*	*25.2*
wanted better social life	16.3	5.6	*16.1*	20.2	20.6	15.8	*18.8*	29.0	15.1	*7.7*	*37.4*
wanted to be closer to home	12.4	7.5	*12.7*	15.8	12.0	10.9	*9.3*	14.8	9.7	*4.4*	*25.0*
had good job offer	5.0	4.3	*7.9*	6.8	2.2	2.8	*2.8*	0.9	9.6	*12.0*	*2.2*
wasn't doing well academically	27.0	23.8	*17.9*	25.9	33.0	36.4	*32.7*	27.7	46.6	*51.2*	*26.9*
family responsibilities	11.5	10.8	*10.1*	17.2	3.7	1.9	*7.9*	5.4	16.0	*15.7*	*17.1*
tired of being student	8.0	13.8	*3.6*	5.3	7.3	5.5	*9.8*	9.5	7.2	*9.4*	*0.0*
couldn't afford college	24.7	34.0	*28.3*	16.4	27.3	33.6	*42.2*	9.6	17.6	*17.4*	*10.0*
wanted wider course selection	26.7	5.2	*4.9*	33.2	41.6	42.6	*27.2*	46.0	26.7	*18.6*	*51.0*
worked on school-related project	1.7	2.5	*0.0*	1.5	1.3	1.0	*1.1*	2.0	4.5	*5.9*	*0.0*
ENROLLMENT STATUS											
First Year											
attended freshman college	98.3	99.9	100.0	96.7	97.5	96.6	97.1	99.0	98.4	98.6	96.1
attended different college	1.6	0.1	0.0	3.3	2.0	2.9	2.9	0.1	0.8	0.5	3.9
not enrolled	0.1	0.0	0.0	0.0	0.5	0.5	0.0	0.8	0.8	0.9	0.0
Second Year											
attended freshman college	79.1	79.4	86.2	77.9	77.5	78.6	80.7	74.3	75.9	78.6	51.5
attended different college	17.7	16.1	13.2	18.9	19.9	18.2	16.4	24.2	21.7	19.2	44.4
not enrolled	3.2	4.5	0.6	3.2	2.6	3.2	2.9	1.5	2.3	2.1	4.1
Diversity-Related Activities in the Past Year (Reported in 1991)											
dated one of diff eth grp (4)	6.2	7.9	12.0	4.0	4.8	4.2	7.5	4.6	3.6	3.6	4.2
dined w/diff race/eth grp (4)	27.6	27.9	44.6	20.7	29.9	29.3	32.1	29.7	12.9	11.6	26.4
excluded because of ethnicity	14.1	18.8	15.1	11.7	11.0	12.0	12.4	8.6	4.6	3.9	11.5
had roommate of diff ethnic grp	27.7	32.2	37.6	21.1	27.2	28.4	26.5	25.6	15.0	14.0	24.8
heard faculty make inapp remarks	20.7	19.2	15.6	24.8	19.0	18.6	18.9	19.6	19.7	19.8	19.5
insulted/threatened for ethnicty	10.8	13.6	9.2	9.3	10.0	8.8	13.3	10.5	5.7	4.7	15.2
pressed not to soc w/oth eth grp	17.0	19.6	19.0	15.8	14.5	10.8	14.3	20.4	12.5	12.5	11.7
socialized w/diff ethnic grp (4)	48.6	47.8	52.2	46.1	51.6	49.8	56.4	52.1	27.4	25.9	41.4
studied w/diff race/eth grp	68.0	71.5	74.6	61.1	70.4	71.6	70.3	68.4	52.9	50.2	79.1

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Events Considered Very Likely to Occur (Reported in 1989)											
be elected to student office	3.6	3.0	4.3	3.4	4.3	3.8	3.3	5.5	1.4	0.6	9.2
be satisfied with college	49.0	53.0	65.6	40.8	48.5	50.9	43.9	46.8	39.7	39.1	45.5
change career choice	10.9	12.2	13.2	7.2	13.2	11.7	13.7	15.5	3.9	3.6	6.9
change major field	12.4	15.1	14.9	8.1	13.9	11.3	15.5	17.3	5.6	5.3	8.6
drop out permanently	0.5	0.1	0.7	0.7	0.5	0.1	0.7	1.0	0.1	0.0	1.3
drop out temporarily	0.8	0.6	0.4	1.1	0.6	0.6	1.2	0.4	0.1	0.0	1.2
get job to pay expenses	31.0	30.6	34.1	31.5	29.4	29.8	34.7	26.3	23.9	23.8	24.6
get married while in college	2.8	2.8	0.8	2.8	3.8	2.4	4.3	5.9	0.8	0.7	2.0
graduate with honors	15.7	16.2	22.3	11.8	17.4	17.5	20.4	15.9	7.1	6.5	13.5
join social frat or sorority	20.1	20.6	22.0	19.0	20.3	17.9	23.3	22.8	8.6	8.4	11.0
make at least "B" average	45.8	44.1	62.9	40.8	47.5	50.4	44.2	44.6	34.3	34.0	37.6
participate in student protests	7.0	5.6	10.2	6.8	7.6	8.7	6.0	6.7	3.5	2.6	12.3
play varsity athletics	23.9	19.9	17.1	22.9	32.9	28.8	30.4	40.7	21.2	20.0	32.8
transfer to another college	8.4	2.5	1.2	14.7	10.0	8.3	9.1	13.0	15.2	13.5	31.7
work at outside job	17.1	15.6	12.0	22.4	13.9	14.9	14.7	11.8	18.1	18.2	16.5
work full-time while attending	1.8	1.2	1.0	2.2	2.4	2.0	4.3	2.2	2.9	2.6	6.1
Events Occurring Since Entering College											
was elected to student office	13.5	13.1	18.3	9.3	17.6	17.5	14.2	19.4	12.5	11.1	26.4
was satisfied w/freshman coll(5)	74.7	76.7	79.9	73.9	71.2	70.1	71.8	72.6	71.8	73.3	57.6
changed probable career (5)	50.6	52.5	50.6	48.2	51.1	45.1	54.0	59.2	48.0	46.8	60.3
changed major field (5)	46.6	45.2	49.5	43.6	50.7	44.9	47.0	61.6	56.5	55.7	65.0
dropped out permanently (5)	4.7	2.9	3.0	6.5	5.2	6.3	2.7	4.8	6.3	5.8	10.6
dropped out temporarily (5)	6.1	6.7	1.9	8.0	4.5	4.8	3.4	4.5	4.4	4.3	5.4
had part-time job off campus	40.3	40.9	27.1	48.1	34.3	32.7	37.0	35.7	55.9	57.1	44.6
had part-time job on campus	34.4	32.5	39.7	27.3	44.0	41.9	45.4	46.6	26.1	24.4	42.8
gotten married	1.0	0.6	0.0	2.3	0.2	0.0	0.0	0.7	0.8	0.9	0.0
graduated with honors	0.6	0.0	1.0	0.6	1.4	0.9	0.3	2.6	3.2	2.7	8.5
in intercollegiate sports	28.9	22.4	24.2	28.5	39.1	35.2	34.8	47.4	29.6	28.8	37.4
joined a fraternity or sorority	26.3	28.1	33.4	24.1	24.5	23.7	16.4	29.5	5.0	4.4	11.0
got "B" or better average (5)	57.5	54.1	76.3	52.8	60.8	60.8	56.2	63.2	44.4	44.3	44.8
participated in student protests	16.9	19.3	20.2	13.2	17.8	19.5	13.0	17.4	5.4	5.3	5.9
transferred before graduating	15.6	13.1	9.8	16.3	19.7	18.4	17.9	22.7	13.5	11.1	37.0
worked full-time while student	7.1	6.9	2.6	9.1	6.7	7.7	5.8	5.5	5.2	5.0	6.5
Other College Activities											
actively involved in student org	35.2	29.7	48.5	30.1	43.6	43.6	43.6	43.6	29.2	28.2	38.5
attd racial/cultural workshop	17.0	15.4	21.9	13.4	21.9	26.0	21.3	15.6	6.8	5.8	17.2
enrolled in ethnic std course	15.1	16.4	17.6	15.7	12.0	14.4	6.8	10.8	3.4	2.9	7.9
enrolled in honors program	19.2	19.2	26.6	15.0	22.1	23.6	18.3	21.5	8.8	8.1	15.7
enrolled in women's std course	3.2	4.1	4.2	1.3	4.3	5.3	2.7	3.6	1.5	1.5	1.4
faculty took interest in me	40.1	30.4	43.3	39.0	52.0	49.7	48.1	57.7	42.4	42.3	43.7
in college internship program	6.0	5.3	9.0	4.0	8.4	10.1	5.0	7.2	1.5	1.0	6.0
in social/ethnic student org	9.1	10.5	14.6	6.8	8.2	8.4	8.6	7.8	3.0	2.4	9.6
in study abroad program	2.8	1.8	3.9	0.4	6.7	5.9	3.0	9.8	1.5	1.6	0.9
participated in leadership class	11.7	11.4	14.2	10.0	13.3	10.8	11.6	18.2	8.5	7.7	15.6
participated in ROTC	6.4	5.4	5.6	8.3	5.6	8.4	1.6	3.0	2.3	1.7	8.0
served as residence advisor/asst	4.0	2.1	5.4	3.1	7.2	7.7	6.1	7.0	3.1	2.3	10.4
taken remed/develop class	12.0	8.8	1.5	20.5	8.8	8.7	13.9	6.6	20.5	20.6	19.6
worked on prof's research proj	6.7	6.9	10.7	5.7	6.2	5.7	8.3	5.9	11.1	11.8	3.4

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Activities in the Past Year											
Reported in 1989											
attended a religious service	77.8	76.4	78.8	75.8	81.7	72.9	90.1	91.6	85.6	85.4	87.4
been guest in teacher's home	29.3	26.3	30.8	29.7	31.7	30.9	26.2	35.5	26.8	26.5	29.2
did extra work for class (4)	9.6	8.0	12.6	10.3	9.4	9.7	8.4	9.2	4.4	4.1	8.1
didn't complete homework on time	72.6	70.8	69.7	75.2	72.6	73.0	76.4	70.1	73.0	72.8	74.4
drank beer	65.5	70.7	64.8	62.9	63.0	64.3	75.5	54.8	64.2	64.9	57.8
drank wine or liquor	59.1	62.6	61.2	56.7	57.1	57.4	68.2	51.1	54.2	54.3	52.6
felt depressed (4)	6.0	5.9	6.7	5.2	6.9	6.3	8.9	6.9	3.8	3.1	10.0
felt overwhelmed (4)	14.6	14.6	14.7	13.0	16.7	15.9	14.5	19.0	9.4	8.4	19.4
participated in demonstration	34.7	35.2	29.5	37.1	33.0	31.9	30.5	35.9	37.4	37.2	39.5
performed volunteer work	63.2	62.7	78.1	56.1	67.4	64.7	70.9	70.2	54.7	53.6	66.5
smoked cigarettes (4)	5.6	4.0	5.2	7.1	5.8	5.6	7.7	5.2	13.0	13.2	11.0
stayed up all night	79.4	79.9	79.1	80.0	78.1	75.4	82.7	80.4	82.1	82.7	76.3
studied in the library (4)	11.1	11.9	15.6	8.4	11.8	11.7	12.7	11.5	6.9	5.1	24.5
studied with other students	85.6	88.2	91.2	82.8	84.1	81.6	83.4	88.4	85.1	85.3	83.4
tutored another student	50.5	53.7	63.2	45.2	48.7	48.7	46.8	49.7	37.4	36.4	47.4
used a personal computer (4)	35.6	36.7	50.7	31.5	33.8	33.2	31.8	35.7	17.7	16.5	29.3
was bored in class (4)	35.7	37.8	37.8	34.5	33.9	30.5	32.5	39.9	36.4	36.8	31.8
Reported in 1991											
attended a religious service	64.9	55.8	68.0	69.1	69.2	57.4	80.1	82.5	71.0	70.5	75.4
attended recital or concert	76.6	78.2	84.7	70.7	79.3	77.8	71.6	85.4	62.9	60.9	82.4
been guest in professor's home	20.2	14.5	26.0	14.6	32.3	29.2	22.5	42.4	10.8	8.1	36.8
been lonely or homesick	57.1	59.5	66.5	49.9	60.2	59.7	54.8	63.6	34.1	32.4	50.7
did extra work for class (4)	7.4	5.1	7.3	9.0	8.2	8.8	9.1	6.7	6.2	5.4	13.9
didn't complete homework on time	65.7	65.3	65.8	65.4	66.7	65.4	64.6	69.9	67.2	68.4	56.1
discussed course w/students (4)	53.3	51.6	64.0	47.0	59.6	58.1	50.5	66.7	53.2	53.3	52.3
drank beer	78.9	84.7	75.2	75.0	78.3	77.4	85.2	76.2	79.6	80.4	72.0
drank wine or liquor	69.2	69.9	73.2	67.5	69.2	68.9	72.2	68.2	69.1	70.0	60.9
felt depressed (4)	7.9	7.2	10.4	7.9	7.8	7.9	11.4	5.8	3.6	3.6	2.9
felt like leaving college	46.2	44.0	41.9	49.7	45.8	47.2	45.5	43.7	35.2	33.4	52.8
felt overwhelmed (4)	22.0	20.2	25.5	21.2	24.1	23.7	20.4	26.4	19.9	20.4	15.1
in anti-war demonstration	7.3	7.8	10.7	5.1	8.4	7.6	5.4	11.1	4.1	3.8	6.9
missed class due to illness (4)	3.5	5.3	3.7	3.2	1.7	1.4	3.6	1.4	2.0	1.3	8.9
overslept and missed class/appt	62.7	68.0	70.6	56.9	60.8	62.3	58.2	59.7	62.7	62.4	65.3
participated in demonstration	20.6	22.0	22.3	18.7	20.8	21.3	16.1	22.3	17.9	18.6	11.3
participated in intramural sport	62.8	65.2	61.7	55.0	70.8	64.4	72.4	80.3	58.3	56.2	77.7
performed volunteer work	57.6	51.5	65.6	55.4	64.7	58.9	64.8	73.7	48.2	46.1	67.9
received personal counseling	10.3	6.6	13.7	11.7	11.8	12.0	17.0	8.8	7.7	6.9	16.0
received voc/career counseling	44.6	41.9	43.5	47.2	44.7	43.0	42.7	48.2	58.7	58.7	58.7
smoked cigarettes (4)	8.0	6.9	9.4	8.9	7.7	7.5	12.2	5.8	17.9	18.6	11.2
stayed up all night	68.4	65.3	70.1	68.1	72.0	72.4	67.4	73.4	74.6	74.6	75.0
studied in the library (4)	31.1	31.8	37.0	28.1	32.0	30.3	31.9	34.9	29.6	28.8	36.9
studied with other students	91.8	91.9	90.9	92.9	90.5	89.4	88.6	93.1	92.4	92.1	95.7
took interdisciplinary course	40.9	45.8	53.3	28.7	46.5	42.5	43.0	54.8	19.8	18.6	30.9
tutored another student	53.1	55.6	59.7	49.9	51.8	53.4	46.9	51.7	54.5	54.1	58.2
used a personal computer (4)	53.8	48.6	68.7	55.3	52.4	53.0	54.0	50.6	37.9	37.1	45.1
was bored in class (4)	32.7	39.5	30.4	32.6	25.3	23.2	28.4	27.2	28.0	28.6	22.1
worked on grp projects in class	80.5	77.3	74.7	82.5	83.9	81.6	81.6	88.9	79.9	79.8	80.7
worked on ind research project	42.6	38.5	36.5	41.7	51.1	53.8	49.0	47.6	59.0	59.0	59.0

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Student Rated Self Above Average or Top 10% in 1989											
academic ability	71.3	78.4	90.0	64.9	64.1	64.1	60.3	65.8	42.2	40.8	56.5
artistic ability	29.4	27.8	28.5	30.8	29.8	30.4	26.6	30.5	25.3	25.4	24.6
competitiveness	72.6	72.6	79.1	69.7	73.7	71.2	66.9	81.1	65.5	64.9	71.6
drive to achieve	73.4	72.9	86.1	69.2	74.7	75.8	73.6	73.4	64.3	64.2	65.1
emotional health	66.5	65.2	73.0	62.8	70.7	68.1	64.4	77.9	58.2	57.6	64.6
foreign language ability	28.8	29.9	40.2	24.0	29.4	30.1	26.3	29.9	26.6	26.4	28.2
leadership ability	62.3	60.2	67.5	60.8	64.6	62.6	62.4	68.8	54.6	54.5	56.0
mathematical ability	54.6	58.2	72.6	49.1	50.8	53.3	41.9	51.0	32.6	32.3	35.0
physical health	75.6	76.9	74.3	74.7	75.6	75.0	73.6	77.5	66.8	65.4	81.0
popularity	52.0	50.5	56.7	50.8	53.5	49.7	52.3	59.9	48.2	47.1	58.9
popularity with opposite sex	50.5	48.1	53.6	51.1	51.3	48.1	51.6	56.4	49.9	48.9	59.9
public speaking ability	37.6	37.8	47.8	33.1	39.5	40.3	35.1	40.3	28.7	28.3	32.8
self-confidence (intellectual)	67.4	67.5	75.1	65.9	66.1	68.9	64.6	62.5	49.2	49.1	50.7
self-confidence (social)	52.5	49.9	50.4	53.8	54.7	52.1	56.1	58.1	46.2	45.5	53.3
writing ability	45.3	44.9	57.6	40.8	47.1	48.3	41.9	47.7	36.0	35.2	43.7
in 1991											
academic ability	70.5	75.0	85.8	61.8	70.6	72.1	62.1	72.2	52.2	51.3	61.1
artistic ability	29.4	28.4	28.7	26.8	34.2	35.2	33.7	33.0	32.5	32.1	36.4
competitiveness	70.2	71.2	73.9	67.7	71.1	68.8	72.7	73.8	65.9	65.3	72.1
drive to achieve	71.4	72.5	78.8	70.3	68.6	70.0	72.1	64.7	59.4	58.4	69.9
emotional health	64.6	68.7	67.4	59.3	65.6	63.8	68.0	67.3	61.3	60.5	69.2
foreign language ability	31.5	30.3	48.5	25.9	34.0	33.5	33.2	35.2	25.3	25.3	25.6
leadership ability	62.5	62.2	71.5	57.2	66.4	65.3	66.5	68.0	60.0	60.4	56.0
mathematical ability	51.3	56.0	61.2	46.5	48.4	49.7	41.3	49.7	37.2	35.9	49.3
physical health	73.1	71.7	70.3	74.3	74.2	74.5	72.3	74.7	68.5	67.6	77.4
popularity	50.3	46.4	54.0	49.0	55.3	54.8	53.6	56.9	58.7	58.2	63.3
popularity with opposite sex	49.5	46.4	51.0	48.5	53.9	53.1	52.6	55.8	53.6	52.3	66.5
public speaking ability	38.7	40.6	49.2	32.5	40.7	41.3	43.4	38.4	39.5	39.6	39.1
self-confidence (intellectual)	68.5	67.7	75.4	67.0	69.0	69.9	62.2	70.8	49.6	47.2	71.6
self-confidence (social)	53.0	49.8	52.3	53.7	56.2	55.2	58.0	56.9	48.3	47.1	60.7
writing ability	55.7	54.9	65.9	53.3	55.7	56.3	52.0	56.4	52.6	53.4	45.1
Students Reporting At Least One Faculty Member That Provided (6)											
advice/guidance about educ pgm	91.2	88.1	88.3	91.6	95.4	96.3	94.4	94.4	95.5	96.1	90.1
emotional support/encouragement	69.6	61.9	61.9	74.2	75.7	72.4	80.7	78.4	82.4	83.4	72.6
sponsorship for special programs	41.5	32.4	46.3	39.0	54.0	53.6	46.8	58.1	29.7	28.2	44.3
letter of recommendation for job	49.4	42.9	53.4	45.8	60.7	61.2	62.0	59.3	61.8	63.3	46.8
help cutting through "red tape"	54.4	48.9	54.0	51.4	65.2	61.7	73.7	66.5	55.1	55.2	54.1
tutorial assist in study skills	68.3	63.6	63.8	72.1	70.7	71.4	75.1	67.6	79.0	79.3	75.5
honest feedback about skills	81.6	76.3	80.2	82.4	87.3	85.9	88.5	89.0	88.3	88.7	84.5
intellect challenge/stimulation	87.5	81.7	90.7	89.5	90.3	87.6	90.4	94.5	87.4	87.0	91.1
role model	58.5	49.8	60.4	60.3	65.7	63.8	66.7	68.3	72.1	73.3	60.5

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
RESIDENCE PATTERNS											
Preferred for Fall 1989											
with parents or relatives	8.8	4.8	2.5	15.5	8.1	5.7	19.3	6.3	17.3	17.6	*13.8*
other private home,apt,room	31.4	32.2	23.4	35.0	29.7	31.9	21.3	30.3	41.0	42.4	*25.7*
college dormitory	39.3	42.5	56.4	30.0	39.2	37.1	40.5	41.8	24.0	22.6	*39.2*
fraternity or sorority house	9.6	11.3	6.2	9.2	9.5	7.2	7.2	14.3	8.7	8.9	*5.6*
other campus housing	9.2	8.1	11.2	9.0	9.7	13.5	7.2	5.0	7.8	7.4	*12.2*
other	1.8	1.0	0.4	1.3	3.8	4.6	4.4	2.3	1.3	1.1	*3.5*
Planned for Fall 1989											
with parents or relatives	15.4	12.1	5.8	25.7	9.8	9.1	19.7	5.9	49.6	52.7	16.8
other private home,apt,room	3.5	3.6	1.3	4.8	2.7	4.3	2.0	0.5	9.4	10.1	2.0
college dormitory	76.9	82.0	88.3	63.1	84.1	80.6	77.2	93.2	33.1	29.0	75.9
fraternity or sorority house	0.6	0.0	0.6	1.3	0.5	0.9	0.0	0.0	0.0	0.0	0.0
other campus housing	3.5	2.3	4.0	4.9	2.9	5.1	0.6	0.4	7.7	7.9	5.3
other	0.1	0.1	0.0	0.3	0.1	0.0	0.5	0.0	0.2	0.2	0.0
First Year											
with parents or relatives	14.7	11.4	5.4	24.4	9.4	8.6	19.5	5.6	50.5	54.0	17.0
other private home,apt,room	4.4	4.2	0.9	6.7	3.1	5.5	0.7	0.5	9.8	10.7	1.1
college dormitory	75.5	80.0	89.3	60.8	84.4	81.1	78.4	92.5	32.2	27.1	80.9
frat or sorority house	1.5	2.5	0.8	1.9	0.1	0.1	0.0	0.3	0.0	0.0	0.0
other campus student housing	3.1	1.8	2.3	4.9	2.6	4.4	1.5	0.3	7.2	7.9	1.1
other	0.7	0.2	1.3	1.2	0.4	0.3	0.0	0.8	0.3	0.3	0.0
Second Year											
with parents or relatives	19.5	15.2	12.2	27.3	17.5	15.0	27.5	16.5	49.1	52.3	17.4
other private home,apt,room	19.6	25.7	19.4	18.9	12.9	17.7	4.6	9.7	14.7	14.9	13.3
college dormitory	47.8	47.9	52.6	39.3	56.9	53.6	57.7	61.5	33.6	30.4	65.2
frat or sorority house	6.4	8.0	8.0	4.3	6.4	6.7	0.7	8.7	0.9	0.8	1.5
other campus student housing	5.7	2.3	6.8	8.9	5.1	5.6	9.6	2.4	1.1	1.0	2.6
other	1.1	0.9	1.1	1.3	1.1	1.4	0.0	1.2	0.5	0.6	0.0
Had Remedial Work In High School											
English	6.0	3.5	4.3	8.2	6.6	5.9	7.1	7.5	5.8	5.8	5.8
reading	5.5	3.5	2.6	7.3	6.8	4.8	7.4	9.6	5.4	5.3	6.2
mathematics	9.0	4.8	8.7	10.5	12.1	10.9	14.6	12.6	9.7	9.0	15.7
social studies	5.1	3.4	2.8	7.1	5.5	4.0	4.4	8.5	3.6	3.5	4.8
science	4.9	3.3	3.7	5.8	6.0	5.5	5.5	6.8	5.1	5.0	6.2
foreign language	5.2	4.1	5.2	5.3	6.6	6.8	5.2	6.8	4.5	4.3	6.3
Will Need Remedial Work in College (Reported in 1989)											
English	10.6	8.3	5.3	12.8	12.4	8.8	16.3	16.2	10.8	9.9	20.4
reading	4.2	2.1	2.6	6.3	4.5	3.6	4.3	6.1	6.1	6.0	7.1
mathematics	20.6	18.4	7.8	25.3	21.8	20.1	28.8	21.2	31.4	31.8	28.0
social studies	1.6	1.3	1.1	1.5	2.5	1.9	1.6	3.9	1.7	1.7	2.4
science	10.2	8.2	9.0	12.8	9.8	9.7	7.7	10.8	8.4	7.3	19.0
foreign language	12.1	9.5	6.3	14.4	14.4	11.1	14.3	19.7	6.6	6.6	6.5

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Objectives Noted as Essential or Very Important in 1989											
achieve in a performing art	11.8	11.4	14.6	10.4	13.2	14.5	9.8	12.8	12.6	12.7	11.3
be involved in environ clean-up	28.4	25.1	28.4	29.3	30.9	32.1	29.3	29.7	31.1	30.9	33.2
be successful in own business	49.8	44.3	42.5	58.7	47.5	43.7	52.6	51.0	50.3	50.4	49.5
be very well off financially	78.2	80.1	70.5	81.9	74.2	77.6	74.4	68.7	80.1	80.1	79.8
become authority in my own field	68.8	69.0	71.4	68.3	68.1	68.6	70.3	66.3	53.0	51.3	69.3
create artistic work	12.4	13.3	10.3	11.2	13.6	13.4	13.2	14.1	12.8	13.3	8.2
develop philosophy of life	44.9	46.0	49.7	45.2	41.5	40.1	38.9	44.9	28.0	26.5	43.4
have admin responsibility	44.3	45.7	44.5	45.1	41.4	38.5	49.0	42.4	32.1	30.7	46.9
help others in difficulty	49.0	43.2	54.2	49.9	52.7	50.3	55.8	55.1	40.9	39.1	58.7
influence political structure	25.3	20.5	33.6	26.1	26.5	25.1	30.9	26.7	17.2	16.6	23.9
influence social values	37.2	30.5	44.4	39.1	40.0	35.6	45.9	44.3	29.4	28.2	41.6
keep up to date with politics	49.3	46.0	58.1	49.8	49.0	46.5	55.6	49.8	25.4	23.8	41.8
obtain recog from colleagues	57.7	59.0	50.7	58.9	57.4	58.7	62.4	52.9	44.7	43.4	57.7
participate in community action	22.7	19.4	28.1	22.9	24.3	22.3	27.4	26.1	24.5	24.4	25.1
promote racial understanding	36.0	33.4	37.2	35.3	39.5	41.7	36.7	37.2	23.5	23.0	29.4
raise a family	72.5	73.2	76.5	71.2	71.5	70.4	68.7	74.6	63.5	62.6	72.9
theoretical contrib to science	21.5	22.9	20.4	20.0	22.4	25.0	18.4	20.1	18.8	18.3	24.0
write original works	13.6	12.0	15.2	12.3	16.5	17.2	13.3	16.8	11.9	12.4	7.5
in 1991											
achieve in a performing art	9.9	9.5	9.0	8.8	12.0	12.5	10.2	12.2	12.6	12.3	15.5
be involved in environ cleanup	37.1	35.9	32.2	38.7	38.3	41.5	38.7	33.0	27.0	26.7	30.2
be successful in own business	46.0	44.7	39.2	49.3	45.7	46.2	45.6	45.0	48.8	48.7	49.5
be very well off financially	69.9	69.9	62.9	71.8	70.0	70.9	78.3	64.6	69.6	69.6	69.5
become authority in my field	72.3	74.4	67.1	71.5	72.9	76.1	73.3	67.5	74.2	73.0	85.6
create artistic work	11.6	10.5	9.1	12.1	13.4	13.4	13.2	13.3	7.9	7.2	14.3
develop philosophy of life	51.3	50.2	58.1	48.5	53.9	55.7	52.2	51.8	41.5	40.5	51.3
have admin responsibility	44.0	42.4	43.1	46.7	42.8	42.3	51.4	39.3	42.8	42.0	50.7
help others in difficulty	59.0	57.7	56.7	58.7	62.1	59.7	69.3	62.4	53.7	52.4	66.4
influence political structure	21.9	23.1	27.2	17.4	24.5	23.3	26.9	25.4	13.7	12.8	22.0
influence social values	38.9	38.7	42.4	35.4	42.3	39.5	50.6	42.8	36.5	35.6	45.2
keep up to date with politics	49.3	48.5	53.6	45.1	54.1	53.8	55.0	54.2	39.8	39.2	46.0
obtain recog from colleagues	55.0	51.5	49.7	57.8	57.7	59.2	56.2	55.9	49.2	47.7	63.8
participate in community action	22.3	20.3	25.6	21.8	24.3	22.6	31.4	23.6	27.3	28.1	19.8
promote racial understanding	34.6	30.9	35.2	36.1	36.8	37.9	33.9	36.3	23.8	22.8	33.3
raise a family	70.3	71.7	78.5	69.4	66.7	65.3	70.9	67.0	65.6	65.8	64.2
theoretical contrib to science	15.9	14.5	16.2	17.8	15.0	16.4	14.9	12.9	12.5	12.7	10.7
write original works	15.0	12.3	18.6	15.0	16.7	19.2	11.9	15.1	12.5	13.2	5.4

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Political Orientation in 1989											
far left	2.2	1.2	1.8	2.1	3.8	2.2	3.9	6.2	1.2	0.8	4.3
liberal	22.2	23.9	24.6	19.7	22.7	26.2	17.0	20.1	23.6	23.3	26.8
middle of the road	45.0	44.5	30.7	51.7	42.3	45.0	48.1	35.2	48.0	48.3	45.3
conservative	28.3	29.3	36.3	24.8	28.6	24.3	30.3	34.4	25.3	25.8	20.1
far right	2.2	1.1	6.6	1.7	2.6	2.1	0.8	4.1	2.0	1.8	3.5
in 1991											
far left	2.2	2.3	2.6	1.9	2.4	2.4	2.5	2.4	5.6	5.3	7.9
liberal	24.1	25.7	27.7	23.9	20.8	24.7	16.0	17.0	13.6	13.1	18.3
middle of the road	41.7	39.6	31.4	44.4	44.6	44.8	47.8	42.6	60.3	63.0	34.4
conservative	30.5	31.6	37.3	28.3	29.6	26.0	31.1	34.6	19.2	17.4	35.9
far right	1.5	0.8	1.0	1.5	2.6	2.2	2.6	3.4	1.3	1.1	3.5
Agrees Strongly or Somewhat in 1989											
abolish death penalty	17.2	16.8	27.5	12.5	19.8	19.3	21.5	19.7	31.2	32.1	22.1
abortion should be legalized	65.6	68.6	60.8	68.0	60.9	66.1	49.8	57.9	50.5	49.8	57.4
busing OK to achieve balance	54.2	54.7	47.5	54.5	55.7	54.4	56.1	57.8	54.7	54.9	52.1
college increases earning power	72.2	73.5	62.3	76.5	69.1	69.6	73.6	65.9	78.1	77.1	87.2
govt not controlling pollution	87.2	90.7	88.3	83.7	87.2	88.6	80.5	88.3	81.1	81.0	82.3
govt not promoting disarmament	57.5	57.0	51.3	58.4	59.6	60.0	59.9	58.7	55.7	55.9	53.6
govt not protecting consumer	64.3	59.9	57.7	68.9	65.8	64.3	68.0	67.2	64.2	64.2	63.7
increase fed military spending	27.4	22.9	24.1	33.1	26.5	26.5	23.6	27.8	30.0	30.3	26.8
live together before marriage	58.7	58.9	53.8	63.7	54.0	57.7	51.3	49.2	59.3	61.6	36.9
marijuana should be legalized	20.1	23.5	15.2	19.4	19.0	19.9	20.0	17.1	20.4	21.1	13.5
married women best at home	25.9	21.9	26.4	28.6	26.9	22.9	30.9	31.3	37.2	37.5	34.6
only volunteers in Armed Forces	49.5	50.2	52.5	47.3	50.2	50.3	47.0	51.7	58.8	58.9	57.6
prohibit homosexual relations	52.8	47.8	43.3	59.6	53.6	49.4	54.3	60.1	66.8	67.5	60.3
raise taxes to reduce deficit	30.7	32.4	37.6	25.9	32.4	33.6	33.5	29.8	24.0	23.6	28.8
too much concern for criminals	72.4	70.4	70.2	75.7	71.4	72.0	66.1	73.2	74.6	75.8	62.5
in 1991											
abolish death penalty	19.1	15.7	30.4	14.7	24.8	23.1	25.8	27.0	11.5	10.9	16.7
abortion should be legal	70.0	74.7	69.5	72.2	61.5	69.0	51.2	54.6	56.8	55.8	66.3
busing OK to achieve balance	48.9	49.5	49.3	48.2	48.7	51.0	49.4	44.9	54.3	53.5	62.0
college increases earning power	57.3	60.8	47.3	60.4	52.8	52.5	62.2	48.8	64.0	62.9	74.5
govt not controlling pollution	84.1	84.5	87.9	81.4	85.8	87.6	81.6	84.9	85.1	85.1	84.3
govt not promoting disarmament	52.9	52.1	51.7	54.5	52.2	55.9	53.1	46.1	48.1	47.7	52.6
govt not protecting consumer	58.3	58.5	54.4	58.2	59.8	65.0	55.8	53.7	62.5	62.4	62.7
increase fed military spending	18.1	15.7	11.0	21.3	19.6	16.7	19.4	24.2	21.2	21.2	21.5
live together before marriage	59.8	61.6	53.8	64.0	54.3	62.2	58.3	40.3	59.2	60.1	50.8
marijuana should be legalized	27.8	32.1	27.9	24.8	26.4	27.9	26.9	23.8	25.8	26.7	17.3
married women best at home	19.5	17.3	18.3	21.2	20.4	20.3	20.1	20.9	22.8	23.2	18.6
nuclear disarmament attainable	60.2	63.6	57.0	59.8	58.0	57.8	57.7	58.3	65.9	66.2	63.2
only volunteers in Armed Forces	55.3	54.6	62.8	53.0	56.1	59.7	49.8	53.4	60.1	59.2	69.0
prohibit homosexual relations	37.5	36.4	29.1	39.6	39.2	32.5	43.0	48.2	59.5	59.8	57.0
raise taxes to reduce deficit	32.8	35.6	35.8	28.1	34.4	34.4	25.2	38.8	25.3	24.8	29.9
too much concern for criminals	68.2	62.8	64.6	74.5	67.7	70.5	66.9	63.6	80.7	81.7	71.5

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	32.5	32.9	39.2	28.6	34.6	38.4	30.8	30.3	25.1	24.8	27.8
problem-solving skills	19.6	17.0	26.1	21.5	17.7	20.3	14.9	14.9	16.7	15.7	25.8
knowledge of particular field	41.4	39.3	48.7	37.2	46.7	47.8	40.9	47.9	29.7	29.0	36.6
critical thinking ability	23.1	22.5	27.4	20.7	25.3	25.8	21.9	26.1	19.1	19.0	19.3
foreign language ability	6.1	5.5	10.1	5.3	6.4	6.1	4.8	7.6	1.7	1.5	4.1
job-related skills	13.7	11.7	14.1	14.9	14.5	18.7	10.6	9.7	14.1	13.0	24.7
religious beliefs & convictions	8.3	7.9	12.0	6.0	10.4	7.8	10.3	14.7	3.1	2.5	9.5
preparation for grad/prof school	10.5	9.4	20.3	5.8	14.3	15.2	10.6	14.7	6.1	6.2	4.4
leadership abilities	13.8	13.5	18.9	11.9	14.8	15.4	12.5	14.8	17.2	17.1	17.2
ability to work independently	24.2	21.8	29.4	23.8	25.7	27.6	21.1	24.9	20.0	19.3	26.5
interpersonal skills	17.0	16.6	22.5	13.9	19.7	21.4	13.7	19.8	12.6	11.7	21.0
cultural awareness	17.2	16.9	21.6	12.3	22.5	20.1	19.5	27.7	9.3	8.3	19.6
tolerance of different beliefs	16.7	15.3	18.0	12.9	22.9	21.4	17.2	28.1	10.1	8.9	22.3
acceptance of dif races/cultures	15.3	12.0	18.3	13.8	20.2	18.8	16.4	24.2	13.7	12.8	22.5
confidence in academic abilities	15.9	12.5	15.0	18.5	16.9	17.0	15.6	17.3	16.7	15.9	24.1
writing skills	11.4	7.2	14.1	12.8	13.8	11.5	14.9	16.8	13.9	14.0	12.8
public speaking ability	8.7	7.4	12.9	8.0	9.8	11.2	9.9	7.4	17.6	17.6	18.4
competitiveness	14.8	11.2	10.9	16.8	18.2	19.3	16.4	17.2	17.5	16.8	24.7
ability to work cooperatively	11.8	10.0	7.1	14.6	12.1	16.6	9.6	6.2	8.0	6.9	18.4
mathematical ability	10.8	11.0	11.7	11.2	9.8	10.9	9.7	8.2	10.2	10.5	6.6
reading speed and comprehension	7.0	3.4	8.1	9.1	8.0	9.0	7.9	6.6	9.5	9.3	11.6
ability to influence others	14.9	13.5	18.3	13.9	16.5	18.3	14.1	14.8	15.0	14.7	17.7
Plans for Fall 1991											
attend college full-time	89.0	90.8	91.9	86.9	88.5	86.0	90.8	91.4	75.5	75.6	75.3
attend college part-time	4.7	2.7	1.7	6.8	5.5	8.1	6.1	0.9	4.4	4.1	6.9
attend graduate school	0.3	0.3	0.4	0.2	0.2	0.5	0.0	0.0	2.3	2.1	3.9
attend vocational program	0.4	0.3	1.3	0.2	0.4	0.6	0.0	0.3	0.7	0.8	0.0
work full-time	9.1	8.7	4.6	11.4	8.4	10.4	5.8	6.4	15.8	16.0	14.1
work part-time	40.7	44.0	38.2	38.5	40.4	38.8	48.1	39.2	32.2	32.5	29.5
serve in Armed Forces	1.8	2.1	1.5	2.1	1.2	1.9	0.9	0.3	1.8	1.8	2.2
travel	5.3	3.9	7.2	5.4	6.2	6.2	6.5	6.0	3.0	2.9	4.4
do volunteer work	11.6	9.4	21.8	9.2	13.6	13.8	14.9	12.7	5.8	4.9	14.2
stay at home	2.8	2.2	0.7	3.2	3.8	3.4	5.6	3.6	4.1	3.5	10.5

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989) (6)											
None											
socializing with friends	0.2	0.0	0.3	0.1	0.3	0.5	0.0	0.3	0.4	0.4	0.0
exercising or sports	1.9	1.6	2.3	2.3	1.7	1.6	1.8	1.9	4.8	4.9	3.5
partying	11.0	12.7	13.8	9.0	10.7	8.5	7.5	15.9	8.7	8.7	8.8
working (for pay)	25.5	26.4	35.5	18.3	30.0	28.4	27.3	33.7	17.6	16.7	26.1
student clubs and groups	30.0	29.1	17.7	34.2	30.2	28.2	32.3	32.3	43.4	44.4	33.6
watching TV	4.0	3.6	4.5	4.2	4.2	4.7	4.9	3.0	3.5	2.8	10.9
hobbies	6.3	7.6	5.1	5.2	6.8	6.7	10.9	5.0	6.2	6.6	1.4
studying or doing homework	1.2	1.2	2.2	0.9	1.4	1.1	1.0	1.9	1.3	1.1	3.1
talking w/teacher outside class	6.7	6.7	2.6	8.9	5.5	5.4	7.1	5.0	10.3	10.8	5.1
Six or More											
socializing with friends	80.5	79.9	84.5	79.8	80.8	78.0	80.6	85.6	70.9	70.0	79.2
exercising or sports	64.1	64.0	60.5	63.7	66.2	62.4	66.8	72.1	55.7	55.5	57.4
partying	33.2	33.1	31.1	35.0	31.8	29.6	36.6	32.9	23.5	22.3	36.0
working (for pay)	60.6	60.5	43.1	69.3	55.9	59.0	59.2	49.4	67.6	68.1	62.4
student clubs and groups	12.0	12.8	15.0	8.3	14.8	13.4	16.0	16.5	12.7	12.9	10.8
watching TV	36.6	34.5	37.9	38.2	36.4	37.4	30.8	37.5	38.5	38.2	41.0
hobbies	31.3	27.4	25.5	34.6	33.8	33.3	31.7	35.4	40.8	41.2	36.2
studying or doing homework	43.9	44.2	63.0	36.4	46.1	42.9	45.7	51.4	28.4	27.5	37.5
talking w/teacher outside class	14.1	14.8	12.4	12.2	16.5	17.8	12.3	16.4	19.3	19.0	22.6
Sixteen or More											
socializing with friends	39.3	35.9	41.6	39.8	41.7	38.2	41.5	47.7	32.6	31.4	43.9
exercising or sports	24.4	21.2	22.7	24.1	29.1	24.5	30.9	35.4	19.8	19.2	25.8
partying	8.7	6.7	8.6	10.6	8.7	7.4	8.1	11.0	3.9	3.2	11.3
working (for pay)	38.1	38.1	23.5	44.2	35.5	37.0	36.0	33.1	46.9	46.7	48.6
student clubs and groups	2.5	2.7	2.9	2.1	2.8	2.9	3.3	2.3	7.2	7.6	2.7
watching TV	7.8	6.8	7.4	8.0	8.8	10.1	6.6	7.7	6.2	5.6	12.0
hobbies	8.0	6.0	7.4	8.0	10.5	8.4	5.1	16.2	7.9	7.5	11.5
studying or doing homework	7.6	9.1	14.6	4.3	7.4	5.8	8.8	9.2	2.1	1.6	7.0
talking w/teacher outside class	3.7	4.2	2.5	2.5	5.1	5.9	1.6	5.5	3.3	3.1	5.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (6)											
None											
socializing with friends	0.1	0.2	0.3	0.0	0.2	0.0	0.0	0.7	0.0	0.0	0.0
exercising/sports	1.9	2.1	3.7	1.3	1.8	2.1	1.6	1.3	2.8	2.9	1.1
reading for pleasure	17.1	18.9	18.3	16.1	16.0	15.2	19.5	15.6	25.3	25.2	26.2
using a personal computer	10.7	12.4	8.2	8.9	11.9	13.5	11.5	9.6	21.3	22.0	14.5
partying	12.8	10.5	10.5	15.5	12.7	12.6	7.2	15.5	12.5	11.4	22.9
working (for pay)	34.0	40.8	42.5	30.5	27.2	29.7	30.5	21.9	20.7	20.2	25.6
clubs/groups	35.1	34.0	27.8	41.6	30.4	31.4	35.6	26.2	50.4	51.2	42.8
watching TV	5.8	5.2	12.7	4.3	6.0	7.7	3.1	4.9	7.4	7.7	4.6
commuting	45.3	45.5	64.3	36.4	49.5	51.7	45.4	48.2	28.2	26.8	41.0
religious services/meetings	48.3	54.5	44.0	48.3	42.6	53.5	27.0	32.8	38.3	38.7	34.4
hobbies	19.1	19.1	23.9	18.2	18.4	20.6	10.5	18.7	12.1	12.5	8.7
classes/labs	2.2	1.0	1.7	3.2	2.7	2.1	3.7	2.9	4.5	4.1	9.0
studying/homework	2.0	0.8	1.7	3.1	2.2	2.1	2.2	2.3	3.0	2.7	6.6
talking w/faculty outside class	21.0	25.2	15.7	24.8	12.9	14.3	12.6	10.9	13.2	13.6	9.5
Six or More											
socializing with friends	82.3	81.5	83.6	81.6	83.6	84.6	84.7	81.4	85.8	85.3	90.4
exercising/sports	48.8	48.5	41.9	51.2	48.6	49.0	51.2	46.8	45.4	44.8	51.9
reading for pleasure	8.8	8.9	5.9	8.1	10.7	12.0	9.6	9.1	16.9	17.8	7.7
using a personal computer	22.8	23.0	28.2	20.3	24.0	28.2	20.4	19.0	22.1	22.4	18.7
partying	36.8	40.2	36.7	33.0	37.9	38.1	40.9	36.3	38.5	39.7	26.5
working (for pay)	55.1	48.7	45.6	62.8	56.3	54.7	53.9	60.1	64.8	65.3	60.6
clubs/groups	18.3	18.0	28.5	16.1	17.5	18.6	13.7	17.6	11.3	11.1	13.6
watching TV	38.8	36.7	32.2	44.4	36.3	33.3	38.1	40.1	41.2	41.9	34.0
commuting	9.9	10.1	4.8	12.2	8.6	8.7	11.2	7.1	25.3	25.5	23.3
religious services/meetings	2.7	2.4	5.4	2.0	2.9	3.3	0.9	3.1	1.6	1.3	4.3
hobbies	17.2	16.5	12.8	19.4	16.8	18.5	15.8	14.7	26.1	25.3	33.3
classes/labs	89.7	92.8	92.8	87.5	87.8	89.2	90.9	84.1	87.8	89.3	72.7
studying/homework	72.5	74.0	82.5	68.0	73.0	71.7	68.9	77.0	61.0	62.0	51.7
talking w/faculty outside class	1.7	1.0	2.3	1.0	3.0	3.4	1.8	3.0	1.3	1.2	1.6
Sixteen or More											
socializing with friends	42.2	42.0	40.4	41.1	44.5	47.2	42.7	41.2	47.6	47.4	49.4
exercising/sports	10.8	10.8	8.3	8.2	15.3	14.0	14.7	17.6	18.9	18.9	18.9
reading for pleasure	1.7	1.4	1.5	0.8	3.4	3.8	2.9	2.8	1.1	1.1	0.8
using a personal computer	6.5	8.3	9.2	4.9	5.2	7.1	4.5	2.7	8.0	7.9	9.5
partying	8.9	10.6	9.5	7.3	8.6	7.5	9.8	9.8	4.6	4.2	8.6
working (for pay)	32.9	30.3	18.7	41.9	29.5	30.2	26.9	29.6	49.2	50.4	37.7
clubs/groups	4.5	3.5	6.7	5.5	3.6	3.8	2.9	3.7	3.0	2.9	4.1
watching TV	8.6	9.3	5.3	10.7	6.3	6.5	5.4	6.4	8.4	8.6	6.3
commuting	2.2	1.7	0.0	2.8	2.7	3.6	1.3	1.8	3.6	3.6	3.9
religious services/meetings	0.4	0.3	0.6	0.4	0.3	0.4	0.2	0.0	0.6	0.3	2.7
hobbies	3.8	4.5	1.7	3.7	3.7	5.1	1.9	2.4	4.1	3.6	8.3
classes/labs	45.9	50.2	54.4	41.6	43.2	43.1	45.6	42.3	41.8	42.7	33.0
studying/homework	24.7	24.8	39.8	17.4	28.7	27.0	28.5	31.6	16.4	16.7	13.5
talking w/faculty outside class	0.3	0.2	0.7	0.3	0.2	0.4	0.0	0.0	0.1	0.0	0.9

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Religious Preference in 1989											
Baptist	12.9	5.9	10.2	20.6	12.1	10.1	5.9	18.3	16.1	16.6	11.9
Buddhist	0.8	0.3	0.8	1.5	0.5	0.4	0.5	0.7	0.0	0.0	0.0
Congregational (UCC)	1.2	1.1	0.8	1.5	1.0	1.3	0.6	0.8	6.3	6.7	1.4
Eastern Orthodox	0.5	0.5	2.3	0.2	0.4	0.6	0.6	0.0	0.2	0.2	0.0
Episcopal	2.3	3.6	2.6	0.5	3.0	2.9	1.6	4.0	0.9	0.9	1.3
Islamic	0.6	1.6	0.2	0.1	0.1	0.2	0.0	0.0	0.3	0.2	1.5
Jewish	3.3	4.2	9.0	2.1	1.8	3.3	0.0	0.2	1.1	1.2	1.1
LDS (Mormon)	0.4	0.5	0.5	0.5	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Lutheran	6.7	8.2	3.7	7.0	5.6	4.1	1.8	9.9	7.0	5.9	18.5
Methodist	7.7	5.3	8.5	9.9	7.4	6.1	2.3	11.8	8.7	8.1	14.5
Presbyterian	5.9	7.0	2.5	5.8	6.2	4.5	0.7	11.6	5.3	4.9	9.6
Quaker	0.3	0.2	0.0	0.0	1.1	0.2	0.0	3.1	0.0	0.0	0.0
Roman Catholic	33.1	34.6	36.0	30.9	33.0	32.9	75.9	12.0	38.6	40.7	17.8
Seventh Day Adventist	0.3	0.0	0.0	0.2	1.0	0.0	0.0	3.0	0.2	0.2	0.0
other Protestant	5.2	4.1	5.1	4.6	7.4	7.2	3.9	9.4	3.5	3.5	4.1
other religion	5.1	6.2	3.8	4.3	5.3	5.9	1.6	6.1	2.2	1.5	9.7
none	13.6	16.9	14.0	10.2	14.1	19.9	4.7	9.2	9.4	9.5	8.6
in 1991											
Baptist	12.5	9.5	9.7	16.2	12.2	10.6	5.0	18.2	15.9	15.9	16.4
Buddhist	0.8	0.5	0.8	1.6	0.0	0.1	0.0	0.0	0.1	0.0	0.8
UCC	1.0	0.5	0.8	1.5	1.0	1.4	0.6	0.5	0.6	0.6	0.0
Eastern Orthodox	0.5	0.4	1.6	0.1	0.5	0.6	1.1	0.0	0.5	0.5	0.0
Episcopal	2.3	3.6	2.7	1.0	2.5	2.4	1.7	3.0	0.9	0.9	1.3
Islamic	0.7	1.5	0.2	0.5	0.3	0.4	0.7	0.0	1.1	0.9	2.4
Jewish	3.7	4.1	9.7	2.8	2.0	3.7	0.0	0.2	1.1	1.1	1.0
Latter Day Saints (Mormon)	0.4	0.4	0.5	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0
Lutheran	6.4	7.4	3.6	7.1	5.4	3.5	2.2	10.0	7.1	6.0	17.9
Methodist	8.6	6.8	6.9	11.0	8.1	7.2	1.5	12.8	7.9	7.7	9.3
Presbyterian	5.3	6.0	2.5	5.6	5.1	4.4	1.1	8.1	2.9	2.4	7.8
Quaker	0.1	0.0	0.0	0.0	0.4	0.0	0.0	1.1	0.0	0.0	0.0
Roman Catholic	30.6	32.8	36.7	26.1	31.3	28.9	73.9	14.6	39.1	41.4	16.6
Seventh Day Adventist	0.2	0.0	0.0	0.0	1.0	0.0	0.0	2.9	0.6	0.6	0.0
other Protestant	5.8	4.9	5.1	5.1	7.8	8.5	3.1	9.1	11.4	11.3	12.0
other religion	4.3	3.7	3.2	4.6	5.3	5.9	5.4	4.2	1.7	1.3	5.9
none	16.9	17.8	15.9	16.2	16.9	22.0	3.8	15.2	9.2	9.2	8.5

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Probable Career in 1989 (6,7)											
artist or performer	6.1	8.7	2.5	3.1	8.4	10.4	7.7	5.4	10.3	10.0	13.2
business	27.2	19.1	25.3	37.6	24.3	24.5	28.6	22.0	23.3	24.2	14.0
clergy	0.4	0.0	0.9	0.2	0.9	0.6	3.8	0.0	0.3	0.0	2.7
college teacher	0.5	0.7	0.5	0.2	0.6	0.3	0.8	0.9	0.0	0.0	0.0
doctor (MD or DDS)	5.5	4.9	11.6	3.5	6.5	5.0	4.6	9.7	1.0	0.6	4.8
education (secondary)	3.3	3.7	1.0	4.2	2.6	1.4	2.4	4.5	1.4	1.2	3.4
education (elementary)	0.9	1.3	0.0	1.1	0.5	0.5	0.5	0.4	1.0	0.4	7.0
engineer	15.9	22.1	13.9	14.2	11.2	15.1	5.2	7.9	16.9	18.0	6.2
farmer or forester	1.4	2.3	0.0	1.4	0.8	0.7	0.0	1.2	2.0	1.3	9.4
health professional	2.8	3.6	1.4	2.2	3.4	2.8	5.9	3.1	1.2	1.1	1.8
lawyer	6.1	5.7	15.1	3.0	7.1	5.2	10.2	8.4	1.7	1.9	0.0
nurse	0.1	0.0	0.0	0.2	0.3	0.0	0.8	0.4	0.4	0.5	0.0
research scientist	2.2	3.1	1.9	1.6	1.9	1.6	1.1	2.9	0.7	0.7	0.5
other	17.9	14.6	15.0	20.0	20.2	22.8	16.5	17.8	31.0	30.7	33.3
undecided	9.7	10.2	10.8	7.6	11.6	9.1	12.0	15.4	8.7	9.2	3.7
in 1991 (6,7)											
artist or performer	6.3	6.9	4.2	5.6	7.2	8.1	6.8	5.9	3.9	3.9	4.3
business	25.2	26.2	19.1	26.8	24.1	18.1	33.7	28.6	21.0	21.2	19.2
clergy	0.4	0.2	2.1	0.0	0.6	0.6	0.4	0.6	0.5	0.3	2.0
college teacher	1.5	0.4	5.0	1.4	1.6	1.2	2.3	2.0	0.6	0.6	0.9
doctor (MD or DDS)	5.2	4.9	14.3	2.8	5.2	4.0	6.3	6.5	0.3	0.2	1.0
education (secondary)	4.4	4.3	2.3	5.0	4.4	2.9	5.0	6.2	2.7	2.3	7.0
education (elementary)	0.7	0.8	0.0	0.5	1.0	0.6	0.9	1.5	1.7	0.7	11.3
engineer	13.6	15.2	14.1	15.2	9.1	13.7	2.1	5.3	20.8	22.6	3.1
farmer or forester	1.7	3.6	0.0	1.2	0.7	0.3	0.0	1.5	2.3	2.2	2.7
health professional	2.7	1.6	1.7	3.5	3.5	3.7	4.3	2.8	2.8	2.6	4.1
lawyer	5.6	4.4	10.4	3.1	8.8	7.0	10.6	10.7	3.4	3.5	2.3
nurse	0.4	0.1	0.3	0.5	0.7	0.9	1.0	0.2	0.6	0.5	1.5
research scientist	2.5	3.5	1.8	2.0	2.2	2.6	1.2	1.9	1.0	1.0	1.1
other	24.1	22.9	17.6	27.5	23.8	28.5	16.5	20.0	35.8	35.5	38.4
undecided	5.8	5.1	7.2	4.8	7.3	7.6	8.9	6.2	2.7	2.8	1.0
Permission to Use Student ID/SSN in 1989											
yes	80.6	78.9	84.0	81.5	80.2	83.2	68.8	81.1	66.9	66.9	67.0
no	19.4	21.1	16.0	18.5	19.8	16.8	31.2	18.9	33.1	33.1	33.0
in 1991											
yes	67.8	67.6	71.7	64.0	71.7	73.0	63.5	73.7	70.4	70.4	70.3
no	32.2	32.4	28.3	36.0	28.3	27.0	36.5	26.3	29.6	29.6	29.7

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Probable Major in 1989 (6,7)											
agriculture	1.3	2.4	0.0	1.3	0.5	0.6	0.0	0.7	0.9	1.0	0.2
biological science	4.2	4.3	3.4	3.4	5.3	4.5	5.3	6.6	1.1	0.7	4.9
business	27.0	22.1	22.5	33.5	26.1	22.7	33.7	27.7	24.6	24.8	22.8
education	3.4	2.8	0.5	4.8	3.6	2.0	5.1	5.4	2.0	1.7	5.3
engineering	17.2	23.3	16.3	16.5	11.5	15.8	6.9	6.7	25.3	27.1	7.3
English	1.1	1.0	1.4	0.6	1.7	2.1	1.6	1.0	0.5	0.6	0.0
health professional	6.0	6.4	9.8	4.1	6.6	4.6	8.4	8.9	2.4	2.0	6.4
history or political science	6.6	6.0	11.7	5.4	6.9	7.7	6.4	5.9	1.0	0.9	2.3
humanities	1.5	1.2	2.2	1.0	2.1	2.1	2.1	2.1	1.7	1.3	5.9
fine arts	4.9	7.3	3.8	3.3	4.7	6.2	3.4	2.9	10.6	11.2	5.0
mathematics or statistics	1.1	1.9	1.0	0.5	0.9	1.4	0.4	0.5	0.7	0.8	0.0
physical sciences	2.7	3.1	5.3	1.5	2.8	3.1	0.8	3.1	1.9	1.6	5.1
social sciences	5.8	2.8	5.4	8.6	5.8	5.0	6.0	6.9	4.0	3.6	7.5
other technical	4.2	3.3	4.1	4.9	4.2	4.8	1.7	4.5	8.6	8.6	7.7
other non-technical	7.2	7.0	6.6	5.0	10.6	12.3	11.0	7.8	11.7	11.4	14.8
undecided	5.9	5.2	6.0	5.7	6.8	5.3	7.2	9.2	3.0	2.8	4.9
Reported in 1991 (6,7)											
agriculture	1.5	2.7	0.0	1.6	0.6	0.0	0.0	1.7	2.8	2.8	3.1
biological science	6.7	8.5	8.6	4.2	7.0	5.9	5.5	9.5	0.9	0.7	2.6
business	23.9	22.0	18.3	27.7	23.6	19.0	36.5	24.1	22.8	22.9	22.3
education	3.5	3.1	1.2	4.1	4.3	2.4	3.5	7.5	11.8	11.1	17.7
engineering	17.3	21.1	17.1	18.4	11.4	16.4	1.6	8.6	18.7	20.6	2.1
English	3.0	1.7	8.1	1.5	4.6	5.9	3.9	3.0	0.9	1.0	0.0
health professional	2.4	1.9	1.8	2.8	2.7	2.5	5.8	1.6	1.8	1.6	3.8
history or political science	8.6	8.0	13.8	6.6	9.5	9.5	9.9	9.3	9.6	10.4	2.7
humanities	3.4	2.1	4.7	4.1	3.6	4.0	2.0	3.8	1.7	1.3	5.4
fine arts	3.6	3.4	3.2	2.9	4.8	5.5	3.0	4.7	3.9	3.2	10.1
mathematics or statistics	1.2	1.2	0.7	1.3	1.4	2.0	0.7	0.8	1.0	1.0	1.1
physical sciences	3.7	3.7	4.6	3.1	3.9	4.5	1.4	4.4	1.0	1.0	0.6
social sciences	6.8	7.2	9.4	5.5	7.1	6.3	8.0	8.0	4.2	3.8	7.9
other technical	5.2	4.4	4.4	6.0	5.2	5.3	5.5	4.9	6.7	6.8	5.5
other non-technical	7.3	6.4	2.5	8.4	8.9	10.1	12.0	5.4	11.8	11.5	13.9
undecided	1.9	2.6	1.7	1.8	1.4	0.8	0.8	2.8	0.4	0.3	1.2
Probable Graduate Major (6,7)											
agriculture	0.7	1.4	0.0	0.7	0.5	0.0	0.0	1.4	0.4	0.5	*0.0*
biological science	3.9	6.0	1.9	3.3	3.5	3.8	1.7	3.7	0.8	0.7	*2.4*
business	21.6	18.8	16.5	26.6	20.6	16.8	32.9	20.7	7.7	8.4	*0.0*
education	4.3	4.7	1.6	4.7	4.6	4.4	4.6	5.0	0.9	0.9	*0.0*
engineering	10.4	11.7	12.4	10.4	8.3	14.2	1.1	2.9	15.0	15.5	*10.0*
English	1.4	0.6	5.4	0.7	1.0	0.7	0.8	1.6	0.0	0.0	*0.0*
health professional	7.2	7.0	10.0	7.8	5.2	4.6	9.2	4.2	5.5	5.9	*2.1*
history or political science	4.0	6.1	3.9	1.8	4.7	4.5	4.8	5.1	2.8	2.8	*3.2*
humanities	2.5	2.0	2.4	1.2	4.5	4.6	1.7	5.6	2.3	1.1	*14.9*
fine arts	3.8	4.1	3.0	3.4	4.6	3.8	1.5	6.9	6.7	6.3	*10.9*
mathematics or statistics	1.0	1.0	0.5	1.3	1.0	1.2	1.2	0.7	2.7	2.7	*2.0*
physical sciences	2.7	3.4	2.2	2.2	2.7	4.1	0.6	1.7	0.5	0.6	*0.0*
social sciences	10.0	5.3	8.4	16.6	7.4	7.6	5.6	8.0	4.0	2.2	*23.4*
other technical	6.0	4.4	7.0	6.9	6.2	5.5	3.3	8.6	4.0	4.0	*3.8*
other non-technical	17.5	17.6	21.9	11.2	22.8	21.4	30.3	21.3	33.7	34.2	*27.3*
undecided	3.0	5.8	2.8	1.5	2.3	2.7	0.7	2.5	13.1	14.3	*0.0*

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
DISAGGREGATED RESPONSES											
Probable Career in 1989											
accountant or actuary	5.8	3.0	2.5	10.9	3.7	1.6	6.2	5.7	4.5	4.7	3.3
actor or entertainer	0.9	0.2	0.4	1.0	1.8	2.9	1.0	0.6	1.6	1.2	4.6
architect or urban planner	2.2	2.9	2.3	1.7	1.8	1.5	0.9	2.9	8.3	9.0	1.5
artist	1.8	3.3	0.3	0.9	1.9	3.4	1.2	0.0	0.4	0.0	4.4
business (clerical)	0.2	0.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
business executive (management)	14.7	11.5	17.7	17.3	14.2	16.8	15.1	9.8	14.4	14.9	9.9
business owner or proprietor	5.8	3.9	4.6	7.9	5.7	5.2	5.5	6.5	2.8	2.9	0.9
business salesperson or buyer	1.0	0.7	0.6	1.5	0.7	0.9	1.7	0.0	1.6	1.8	0.0
clergy (minister,priest)	0.3	0.0	0.5	0.2	0.8	0.4	3.8	0.0	0.1	0.0	0.7
clergy (other religious)	0.1	0.0	0.3	0.0	0.1	0.3	0.0	0.0	0.2	0.0	2.0
clinical psychologist	1.6	0.5	0.0	3.5	1.1	1.3	0.3	1.2	0.8	0.7	1.1
college teacher	0.5	0.7	0.5	0.2	0.6	0.3	0.8	0.9	0.0	0.0	0.0
computer programmer or analyst	3.0	2.8	3.3	3.4	2.6	2.7	1.9	2.7	4.2	4.1	5.0
conservationist or forester	0.7	1.1	0.0	0.8	0.4	0.5	0.0	0.5	1.5	0.7	9.1
dentist (including orthodontist)	0.8	1.0	0.0	1.0	0.7	0.2	0.3	1.5	0.0	0.0	0.0
dietitian or home economist	0.1	0.0	0.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
engineer	15.9	22.1	13.9	14.2	11.2	15.1	5.2	7.9	16.9	18.0	6.2
farmer or rancher	0.7	1.2	0.0	0.6	0.3	0.2	0.0	0.7	0.5	0.6	0.2
foreign service worker	1.1	1.1	2.3	0.4	1.4	1.5	1.5	1.2	0.3	0.3	0.0
homemaker (full-time)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator or designer	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.0	0.0	0.0	0.0
intepreter (translator)	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
lab technician or hygienist	0.1	0.0	0.3	0.1	0.2	0.0	0.0	0.6	0.2	0.3	0.0
law enforcement officer	0.8	0.3	0.3	0.8	1.7	0.1	5.3	2.5	4.4	4.5	3.1
lawyer (attorney) or judge	6.1	5.7	15.1	3.0	7.1	5.2	10.2	8.4	1.7	1.9	0.0
military service (career)	1.4	1.3	1.3	1.7	1.3	2.4	0.0	0.2	1.3	1.1	2.8
musician (performer,composer)	1.1	1.3	0.5	0.4	2.0	0.9	1.8	4.1	7.6	8.0	3.2
nurse	0.1	0.0	0.0	0.2	0.3	0.0	0.8	0.4	0.4	0.5	0.0
optometrist	0.3	0.5	0.0	0.1	0.6	0.6	0.0	0.9	0.3	0.2	0.8
pharmacist	0.5	0.7	0.0	0.5	0.4	0.0	0.7	1.0	0.5	0.4	1.0
physician	4.7	3.9	11.6	2.5	5.8	4.8	4.2	8.2	1.0	0.6	4.8
school counselor	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
school principal, superintendent	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0
scientific researcher	2.2	3.1	1.9	1.6	1.9	1.6	1.1	2.9	0.7	0.7	0.5
social,welfare,recreation worker	0.3	0.1	0.0	0.2	1.0	1.2	0.6	0.8	0.0	0.0	0.0
statistician	0.2	0.4	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)	1.0	0.3	0.6	1.4	1.5	1.0	4.8	0.6	0.2	0.2	0.0
teacher (elementary)	0.9	1.3	0.0	1.1	0.5	0.5	0.5	0.4	1.0	0.4	7.0
teacher (Secondary)	3.2	3.5	0.7	4.1	2.4	1.4	2.4	4.0	1.4	1.2	3.4
veterinarian	0.8	2.0	0.0	0.0	0.5	0.9	0.4	0.0	0.0	0.0	0.0
writer or journalist	2.2	3.9	1.3	0.8	2.4	3.2	3.1	0.7	0.8	0.8	1.0
skilled trades	0.7	0.3	0.0	0.7	1.4	1.2	0.5	2.2	4.0	4.0	4.2
other	6.3	4.1	5.5	7.5	7.7	10.6	5.4	4.2	7.7	6.9	15.7
undecided	9.7	10.2	10.8	7.6	11.6	9.1	12.0	15.4	8.7	9.2	3.7

1991 FOLLOW-UP OF 1989 FRESHMEN
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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Career in 1991											
accountant or actuary	7.4	7.0	3.7	10.5	5.3	3.2	8.8	7.0	3.5	3.0	8.0
actor or entertainer	1.0	0.9	1.7	1.2	0.6	0.8	0.9	0.1	0.1	0.0	1.2
architect or urban planner	1.3	1.8	1.1	1.3	0.6	1.0	0.4	0.2	0.9	1.0	0.5
artist	1.9	2.3	0.4	1.7	2.4	3.3	2.6	0.9	0.8	0.5	3.2
business (clerical)	0.2	0.0	0.0	0.3	0.4	0.0	0.0	1.3	0.1	0.0	1.1
business executive (management)	12.9	12.3	12.3	13.6	13.0	10.3	14.8	16.2	7.2	6.7	11.2
business owner or proprietor	4.0	5.9	2.5	2.2	4.6	3.4	8.7	4.4	6.6	7.3	0.0
business salesperson or buyer	0.8	1.0	0.7	0.5	1.1	1.2	1.4	0.9	3.8	4.2	0.0
clergy (minister,priest)	0.3	0.2	1.8	0.0	0.4	0.3	0.4	0.6	0.5	0.3	2.0
clergy (other religious)	0.1	0.0	0.4	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0
clinical psychologist	1.6	1.4	2.7	1.4	1.5	1.9	1.4	0.8	1.2	0.7	6.0
college teacher	1.5	0.4	5.0	1.4	1.6	1.2	2.3	2.0	0.6	0.6	0.9
computer programmer or analyst	3.9	3.7	3.3	5.1	3.0	2.6	2.9	3.7	2.6	2.3	4.8
conservationist or forester	1.3	2.8	0.0	0.8	0.4	0.2	0.0	0.8	0.8	0.6	2.4
dentist (including orthodontist)	0.6	0.5	1.0	0.6	0.4	0.3	0.0	0.8	0.0	0.0	0.0
dietitian or home economist	0.2	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	1.9
engineer	13.6	15.2	14.1	15.2	9.1	13.7	2.1	5.3	20.8	22.6	3.1
farmer or rancher	0.5	0.9	0.0	0.4	0.3	0.1	0.0	0.7	1.4	1.6	0.2
foreign service worker	1.2	2.5	0.8	0.2	1.2	0.9	1.5	1.4	0.7	0.8	0.0
homemaker (full-time)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
interior decorator or designer	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
intepreter (translator)	0.1	0.1	0.0	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0
lab technician or hygienist	0.2	0.0	0.0	0.3	0.3	0.2	0.0	0.6	0.1	0.0	1.4
law enforcement officer	1.8	0.3	2.1	3.6	1.4	1.2	3.6	0.8	4.3	4.4	3.1
lawyer (attorney) or judge	5.6	4.4	10.4	3.1	8.8	7.0	10.6	10.7	3.4	3.5	2.3
military service (career)	2.0	1.7	0.9	3.1	1.4	1.5	0.7	1.5	0.8	0.5	3.9
musician (performer,composer)	0.9	1.4	0.2	0.0	1.6	0.6	1.0	3.6	1.4	1.6	0.0
nurse	0.4	0.1	0.3	0.5	0.7	0.9	1.0	0.2	0.6	0.5	1.5
optometrist	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8
pharmacist	0.5	0.5	0.5	0.8	0.1	0.1	0.6	0.0	0.7	0.7	0.0
physician	4.6	4.4	13.2	2.2	4.8	3.8	6.3	5.7	0.3	0.2	1.0
school counselor	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
school principal, superintendent	0.1	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0
scientific researcher	2.5	3.5	1.8	2.0	2.2	2.6	1.2	1.9	1.0	1.0	1.1
social,welfare,recreation worker	0.2	0.0	1.2	0.0	0.4	0.3	0.9	0.2	6.0	6.5	1.1
statistician	0.2	0.2	0.0	0.1	0.3	0.5	0.0	0.0	0.3	0.3	0.0
therapist (phys,occup,speech)	1.4	0.6	1.1	1.4	2.4	2.2	3.3	2.2	1.7	1.9	0.0
teacher (elementary)	0.7	0.8	0.0	0.5	1.0	0.6	0.9	1.5	1.7	0.7	11.3
teacher (Secondary)	4.3	4.3	2.3	5.0	4.0	2.3	5.0	6.2	2.7	2.3	7.0
veterinarian	0.4	0.3	0.0	0.3	0.7	1.2	0.4	0.0	0.0	0.0	0.0
writer or journalist	2.4	2.3	1.9	2.8	2.5	3.4	2.1	1.2	1.6	1.8	0.0
skilled trades	0.9	0.4	0.0	1.6	1.1	2.2	0.0	0.0	5.2	5.4	3.0
other	10.6	10.7	5.6	10.8	12.3	15.9	5.1	10.1	13.7	13.6	15.0
undecided	5.8	5.1	7.2	4.8	7.3	7.6	8.9	6.2	2.7	2.8	1.0

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE MAJOR IN 1989											
Arts and Humanities											
arts, fine and applied	2.1	3.6	0.3	1.1	2.5	4.4	1.1	0.2	1.5	1.6	1.0
English (language & literature)	1.1	1.0	1.4	0.6	1.7	2.1	1.6	1.0	0.5	0.6	0.0
history	2.0	2.1	3.0	2.2	1.1	0.7	0.7	1.9	0.1	0.2	0.0
journalism	1.2	1.5	3.2	0.4	1.0	0.6	1.1	1.5	0.6	0.7	0.0
language/literature (except Eng)	0.3	0.4	0.0	0.2	0.4	0.6	0.3	0.3	0.0	0.0	0.0
music	1.1	1.3	0.8	0.8	1.3	0.8	1.4	2.1	6.5	6.8	3.2
philosophy	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.2	0.0	0.0	0.0
speech	0.1	0.0	0.3	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.7
theater or drama	0.5	0.1	1.0	0.5	0.7	0.8	0.9	0.6	0.8	0.8	1.1
theology or religion	0.2	0.0	0.3	0.0	0.7	0.5	0.7	0.9	0.3	0.0	2.8
other arts and humanities	0.4	0.6	0.8	0.2	0.2	0.1	0.3	0.2	0.6	0.5	1.9
Biological Sciences											
biology (general)	2.1	1.6	2.1	2.0	2.8	1.6	4.3	3.8	0.6	0.7	0.0
biochemistry or biophysics	0.7	1.2	1.1	0.1	0.8	0.5	0.0	1.6	0.0	0.0	0.0
botany	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.4	0.5	0.2	0.3	0.4	0.6	0.5	0.0	0.0	0.0	0.0
microbiology or bacteriology	0.2	0.2	0.0	0.2	0.5	0.9	0.0	0.0	0.0	0.0	0.0
zoology	0.3	0.0	0.0	0.6	0.3	0.0	0.4	0.6	0.1	0.0	1.1
other biological science	0.4	0.7	0.0	0.1	0.7	0.9	0.0	0.6	0.4	0.1	3.8
Business											
accounting	6.4	3.7	2.0	10.9	5.3	2.2	8.6	8.8	4.8	4.8	5.5
business admin (general)	8.3	5.4	9.4	9.3	10.0	8.3	10.4	12.6	9.5	10.0	4.8
finance	3.5	4.4	5.6	2.6	2.7	2.2	4.7	2.4	0.5	0.5	0.9
marketing	3.3	3.6	3.4	3.9	2.2	2.0	2.1	2.6	2.0	1.6	6.4
management	4.5	4.4	1.2	5.5	4.5	6.4	6.9	0.4	3.1	3.0	4.0
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business	1.1	0.7	0.8	1.4	1.3	1.7	1.0	1.0	4.6	4.9	1.3
Education											
business education	0.2	0.0	0.0	0.4	0.1	0.0	0.8	0.0	0.0	0.0	0.0
elementary education	0.5	1.1	0.0	0.3	0.3	0.4	0.2	0.3	0.2	0.3	0.0
music or art education	0.5	0.8	0.0	0.3	0.5	0.2	0.0	1.1	0.3	0.4	0.0
physical education or recreation	0.7	0.1	0.0	1.1	1.1	0.5	0.5	2.3	0.3	0.1	3.0
secondary education	1.5	0.8	0.5	2.5	1.5	1.0	3.5	1.5	1.0	1.0	1.5
special education	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other education	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.8
Engineering											
aeronautical/astronautical eng	2.6	2.5	2.1	1.8	3.7	7.0	0.0	0.3	3.5	3.7	1.8
civil engineering	2.4	3.6	2.3	3.0	0.3	0.4	0.0	0.3	6.6	7.2	0.0
chemical engineering	1.2	2.0	1.2	1.0	0.4	0.5	0.5	0.2	0.8	0.4	4.8
electrical/electronic eng	5.2	6.5	5.3	5.4	3.6	3.2	3.1	4.4	4.1	4.5	0.8
industrial engineering	0.5	0.5	0.6	0.5	0.6	0.8	0.0	0.5	0.8	0.9	0.0
mechanical engineering	3.4	4.8	3.5	3.2	2.1	3.0	2.5	0.6	5.4	5.9	0.0
other engineering	1.9	3.5	1.3	1.5	0.7	0.9	0.8	0.4	4.2	4.6	0.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.3	0.2	1.1	0.1	0.3	0.5	0.0	0.2	0.2	0.2	0.0
atmospheric science	0.1	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.2	0.0
chemistry	0.6	0.8	0.5	0.4	0.9	0.3	0.8	1.9	0.6	0.6	0.8
earth science	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0
marine science	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.0
mathematics	0.9	1.4	1.0	0.5	0.9	1.4	0.4	0.3	0.7	0.8	0.0
physics	1.3	1.4	3.4	0.5	1.3	2.0	0.0	1.0	0.0	0.0	0.0
statistics	0.1	0.4	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
other physical science	0.1	0.0	0.3	0.0	0.2	0.4	0.0	0.0	0.5	0.2	4.3
Professional											
architecture or urban planning	1.7	2.4	2.4	1.4	0.8	1.0	0.9	0.4	2.5	2.8	0.0
home economics	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology (med,dent,lab)	0.4	0.2	0.3	0.7	0.4	0.4	0.0	0.6	0.1	0.0	1.1
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.1	0.0	0.0	0.2	0.3	0.2	0.8	0.2	0.6	0.5	1.5
pharmacy	0.4	0.4	0.0	0.4	0.5	0.0	0.9	1.0	0.4	0.4	1.0
predental,premedical,prevet	4.4	5.6	9.5	2.8	3.0	3.5	1.9	2.8	1.0	0.7	3.9
therapy (phys,occup,speech)	1.1	0.4	0.3	0.7	2.8	0.8	4.8	5.0	0.4	0.4	0.0
other professional	1.0	1.3	0.6	0.0	1.9	2.5	2.5	0.8	0.5	0.3	2.4
Social Sciences											
anthropology	0.6	0.0	0.6	1.4	0.4	0.7	0.0	0.2	2.1	2.3	0.0
economics	0.7	0.4	3.1	0.2	1.0	0.6	2.1	1.0	0.0	0.0	0.0
ethnic studies	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	4.6	3.9	8.7	3.2	5.8	7.0	5.8	4.0	0.8	0.7	2.3
psychology	3.6	1.7	1.4	6.2	3.4	2.8	2.3	4.8	1.8	1.3	6.7
social work	0.1	0.0	0.0	0.2	0.3	0.0	0.6	0.6	0.0	0.0	0.0
sociology	0.2	0.2	0.0	0.2	0.4	0.4	0.6	0.2	0.1	0.0	0.7
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.3	0.2	0.3	0.3	0.4	0.6	0.4	0.0	0.0	0.0	0.0
Technical											
building trades	0.1	0.0	0.0	0.0	0.4	0.9	0.0	0.0	1.0	0.7	4.2
data processing or computer prog	1.0	0.8	1.5	0.8	1.2	0.6	1.7	1.9	2.2	2.0	4.2
drafting or design	0.1	0.0	0.0	0.0	0.4	0.3	0.0	0.7	1.8	2.0	0.0
electronics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
mechanics	0.3	0.0	0.0	0.7	0.2	0.4	0.0	0.0	0.7	0.8	0.0
other technical	0.2	0.0	0.0	0.0	0.6	1.2	0.0	0.0	1.9	2.1	0.0
Other											
agriculture	1.1	2.0	0.0	1.3	0.2	0.0	0.0	0.7	0.5	0.6	0.2
communications	3.0	2.1	2.2	3.0	4.4	5.8	2.0	3.1	2.6	2.5	2.9
computer science	2.2	2.3	2.4	2.7	1.4	1.9	0.0	1.3	1.1	1.1	1.7
forestry	0.2	0.4	0.0	0.0	0.3	0.6	0.0	0.0	0.4	0.4	0.0
law enforcement	0.9	0.2	0.3	1.4	1.5	0.5	4.4	1.7	3.9	4.2	1.8
military science	0.2	0.4	0.0	0.0	0.4	0.6	0.4	0.0	0.0	0.0	0.0
other field	0.6	0.8	0.3	0.3	1.1	1.5	0.6	0.6	3.0	3.0	3.5
undecided	5.9	5.2	6.0	5.7	6.8	5.3	7.2	9.2	3.0	2.8	4.9

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	1.4	0.8	0.8	1.3	2.6	3.8	2.3	0.8	2.4	1.7	8.3
English (language & literature)	3.0	1.7	8.1	1.5	4.6	5.9	3.9	3.0	0.9	1.0	0.0
history	2.9	2.0	4.5	2.5	4.0	4.3	3.9	3.6	0.5	0.6	0.0
journalism	1.8	2.0	0.9	2.7	0.9	1.5	0.5	0.2	0.9	1.0	0.0
language/literature (except Eng)	1.2	1.0	0.5	2.1	0.7	0.6	0.0	1.2	0.2	0.2	0.0
music	0.8	0.6	0.2	0.4	1.7	1.3	0.3	3.1	0.0	0.0	0.0
philosophy	0.8	0.3	1.0	1.0	1.1	1.2	0.2	1.3	0.9	1.0	0.0
speech	0.2	0.0	1.0	0.2	0.2	0.0	0.0	0.6	0.2	0.0	1.8
theater or drama	0.6	0.1	1.4	0.5	0.9	1.1	1.0	0.4	0.1	0.0	1.3
theology or religion	0.3	0.1	0.6	0.0	0.6	0.8	0.2	0.7	0.2	0.0	2.3
other arts and humanities	0.6	0.7	1.3	0.5	0.3	0.4	0.6	0.2	0.2	0.0	1.8
Biological Sciences											
biology (general)	4.2	4.3	7.2	2.4	5.0	4.2	4.5	6.7	0.8	0.7	0.9
biochemistry or biophysics	1.0	1.9	0.3	0.7	0.7	1.0	0.0	0.7	0.0	0.0	0.0
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.3	0.2	0.0	0.5	0.1	0.2	0.0	0.0	0.0	0.0	0.0
microbiology or bacteriology	0.2	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
zoology	0.2	0.3	0.0	0.1	0.3	0.4	0.0	0.2	0.0	0.0	0.0
other biological science	0.8	1.3	0.5	0.4	0.9	0.1	1.0	1.9	0.2	0.0	1.7
Business											
accounting	7.8	6.0	4.7	10.7	7.4	3.6	15.8	8.9	6.5	6.5	5.9
business admin (general)	4.3	2.5	4.5	4.5	5.8	3.8	5.7	9.1	2.4	2.6	0.8
finance	4.1	5.0	5.9	4.1	2.3	2.0	4.4	1.6	1.0	0.7	3.7
marketing	2.3	3.0	0.9	1.8	2.7	2.1	3.2	3.6	2.1	1.7	5.6
management	3.6	3.8	0.9	4.4	3.6	4.7	6.0	0.6	10.6	11.1	6.3
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other business	1.8	1.7	1.3	2.2	1.8	2.9	1.3	0.3	0.2	0.3	0.0
Education											
business education	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
elementary education	0.3	0.0	0.0	0.3	0.8	1.2	0.5	0.5	1.5	0.9	6.7
music or art education	0.2	0.1	0.0	0.4	0.2	0.0	0.0	0.7	0.0	0.0	0.0
physical education or recreation	1.1	0.4	0.7	1.8	1.4	0.7	0.4	2.9	7.3	7.8	3.5
secondary education	1.8	2.6	0.6	1.6	1.6	0.5	1.9	3.0	2.5	2.5	2.7
special education	0.1	0.0	0.0	0.0	0.2	0.0	0.7	0.3	0.5	0.0	4.8
other education	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Engineering											
aeronautical/astronautical eng	1.6	1.7	0.4	0.7	3.2	6.0	0.0	0.4	0.3	0.3	0.0
civil engineering	3.8	4.6	4.1	3.6	2.9	2.3	0.0	5.3	2.6	2.9	0.0
chemical engineering	1.2	1.5	1.9	1.3	0.4	0.6	0.0	0.3	1.6	1.8	0.0
electrical/electronic eng	4.6	4.5	4.0	6.3	2.5	3.8	0.3	1.7	6.8	7.5	0.0
industrial engineering	0.5	0.1	1.3	0.8	0.2	0.4	0.0	0.0	0.3	0.3	0.0
mechanical engineering	4.2	6.2	4.0	4.2	2.1	3.2	1.3	0.9	5.0	5.4	0.9
other engineering	1.4	2.6	1.4	1.5	0.0	0.1	0.0	0.0	2.2	2.3	1.2

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ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
atmospheric science	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemistry	1.5	1.9	1.9	1.2	1.3	0.4	0.8	2.9	0.8	0.8	0.6
earth science	0.6	0.1	0.0	1.1	0.7	0.9	0.0	0.7	0.0	0.0	0.0
marine science	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0
mathematics	1.1	0.9	0.7	1.3	1.4	2.0	0.7	0.8	1.0	1.0	1.1
physics	1.1	1.0	2.0	0.8	1.4	2.1	0.6	0.7	0.0	0.0	0.0
statistics	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical science	0.2	0.2	0.8	0.0	0.4	0.7	0.0	0.0	0.0	0.0	0.0
Professional											
architecture or urban planning	1.1	2.0	1.1	1.0	0.3	0.4	0.4	0.2	1.4	1.5	0.0
home economics	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
health technology (med,dent,lab)	0.3	0.0	0.4	0.2	0.6	0.6	0.6	0.7	0.0	0.0	0.0
law <graduate major only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	0.6	0.0	0.0	1.1	0.8	1.0	1.1	0.2	0.7	0.6	1.7
pharmacy	0.4	0.5	0.5	0.5	0.1	0.0	0.6	0.0	0.4	0.5	0.0
predental,premedical,prevet	0.8	0.9	1.3	0.7	0.9	0.9	2.2	0.2	0.5	0.3	2.1
therapy (phys,occup,speech)	0.6	0.6	0.0	0.5	1.0	0.6	1.9	1.2	0.2	0.2	0.0
other professional	0.4	0.4	0.3	0.0	1.0	1.5	0.5	0.6	0.0	0.0	0.0
Social Sciences											
anthropology	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.7	0.0	0.0	0.0
economics	1.6	1.6	1.9	0.7	2.7	2.3	1.8	3.8	1.0	0.8	2.6
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.5	0.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	5.6	6.1	9.4	4.1	5.5	5.3	5.9	5.8	9.1	9.8	2.7
psychology	3.1	3.6	5.0	2.8	2.2	1.5	2.5	3.2	2.7	2.4	5.4
social work	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
sociology	0.8	0.8	2.2	0.1	1.1	1.0	3.7	0.0	0.6	0.6	0.0
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.3	0.2	0.0	0.2	0.8	1.4	0.0	0.2	0.0	0.0	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
data processing or computer prog	1.5	1.1	0.8	2.1	1.3	0.7	0.5	2.8	0.8	0.9	0.0
drafting or design	0.1	0.2	0.0	0.0	0.2	0.5	0.0	0.0	0.2	0.2	0.0
electronics	0.1	0.1	0.0	0.1	0.2	0.3	0.0	0.0	1.2	1.2	0.8
mechanics	0.1	0.0	0.0	0.2	0.2	0.4	0.0	0.0	1.3	1.5	0.0
other technical	0.5	0.3	0.0	0.7	0.6	1.2	0.0	0.0	1.8	1.8	2.1
Other											
agriculture	1.3	2.4	0.0	1.2	0.6	0.0	0.0	1.7	1.5	1.6	0.5
communications	2.2	2.2	0.5	2.1	2.9	3.2	3.8	1.8	1.4	1.0	5.6
computer science	2.6	2.7	3.1	2.7	2.0	1.7	4.4	1.4	1.3	1.1	2.6
forestry	0.2	0.3	0.0	0.4	0.0	0.0	0.0	0.0	1.3	1.2	2.6
law enforcement	1.4	0.9	0.0	2.1	1.7	0.8	4.0	1.9	6.0	6.1	4.9
military science	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.3	0.8	0.8	1.1	2.4	3.1	3.3	0.9	3.1	3.0	3.3
undecided	1.9	2.6	1.7	1.8	1.4	0.8	0.8	2.8	0.4	0.3	1.2

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	0.5	0.3	0.5	0.3	1.0	1.3	1.1	0.6	4.0	3.5	*9.6*
English (language & literature)	1.4	0.6	5.4	0.7	1.0	0.7	0.8	1.6	0.0	0.0	*0.0*
history	1.2	0.7	1.9	0.5	2.3	2.5	0.6	2.6	1.6	1.7	*0.0*
journalism	0.5	0.0	0.4	0.2	1.4	2.4	0.5	0.3	0.0	0.0	*0.0*
language/literature (except Eng)	0.4	0.2	0.6	0.2	0.6	0.4	0.0	1.3	0.0	0.0	*0.0*
music	1.1	1.7	1.9	0.5	0.7	0.4	0.5	1.1	1.0	1.1	*0.0*
philosophy	0.5	0.5	0.0	0.5	0.9	0.8	0.0	1.4	0.0	0.0	*0.0*
speech	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
theater or drama	0.7	0.5	0.7	0.5	1.0	1.6	0.7	0.3	0.9	0.0	*10.7*
theology or religion	0.4	0.0	1.1	0.0	1.0	0.2	1.0	2.3	0.8	0.7	*1.9*
other arts and humanities	0.4	0.7	0.0	0.0	0.9	1.7	0.0	0.3	0.6	0.5	*2.3*
Biological Sciences											
biology (general)	0.7	0.8	0.7	0.7	0.6	0.8	0.0	0.6	0.0	0.0	*0.0*
biochemistry or biophysics	0.5	0.8	0.0	0.3	0.7	0.7	0.0	1.1	0.0	0.0	*0.0*
botany	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
marine (life) science	0.5	0.5	0.0	0.9	0.3	0.5	0.0	0.0	0.0	0.0	*0.0*
microbiology or bacteriology	0.6	1.6	0.0	0.0	0.5	0.1	0.0	1.2	0.0	0.0	*0.0*
zoology	0.2	0.0	0.0	0.2	0.6	1.2	0.0	0.0	0.0	0.0	*0.0*
other biological science	1.3	2.3	0.7	1.1	0.8	0.4	1.7	0.8	0.8	0.7	*2.4*
Business											
accounting	6.4	5.5	1.8	11.7	3.0	1.6	2.7	5.2	3.1	3.3	*0.0*
business admin (general)	6.4	5.3	9.3	5.3	7.4	8.2	12.6	4.0	1.4	1.5	*0.0*
finance	2.2	1.4	2.1	2.4	2.8	2.0	4.2	3.3	0.0	0.0	*0.0*
marketing	1.5	1.7	0.0	1.4	2.1	1.5	2.5	2.9	0.4	0.5	*0.0*
management	3.5	2.6	1.0	5.3	3.5	2.8	6.3	3.4	2.1	2.3	*0.0*
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other business	1.5	2.3	2.3	0.5	1.7	0.7	4.6	1.8	0.8	0.8	*0.0*
Education											
business education	0.1	0.0	0.0	0.0	0.2	0.0	1.4	0.0	0.0	0.0	*0.0*
elementary education	0.4	0.4	0.0	0.3	0.7	1.1	1.0	0.0	0.4	0.5	*0.0*
music or art education	0.3	0.2	0.0	0.3	0.4	0.0	0.0	1.1	0.0	0.0	*0.0*
physical education or recreation	0.3	0.2	0.0	0.5	0.3	0.4	0.7	0.0	0.0	0.0	*0.0*
secondary education	2.5	3.6	1.2	2.6	2.1	1.8	1.0	2.8	0.4	0.5	*0.0*
special education	0.1	0.0	0.0	0.0	0.2	0.0	0.5	0.4	0.0	0.0	*0.0*
other education	0.7	0.3	0.4	1.0	0.8	1.1	0.0	0.6	0.0	0.0	*0.0*
Engineering											
aeronautical/astronautical eng	1.4	0.5	1.5	0.7	3.3	5.9	0.0	0.9	1.8	1.6	*4.4*
civil engineering	1.4	2.2	4.1	0.7	0.2	0.0	1.1	0.0	2.6	2.9	*0.0*
chemical engineering	1.1	1.4	0.8	1.4	0.4	0.8	0.0	0.0	2.0	2.2	*0.0*
electrical/electronic eng	2.4	2.3	1.4	3.3	2.0	3.2	0.0	1.3	3.3	3.6	*0.0*
industrial engineering	0.3	0.0	0.0	0.3	0.8	1.4	0.0	0.4	0.0	0.0	*0.0*
mechanical engineering	1.8	2.0	2.6	1.8	1.0	2.1	0.0	0.0	3.6	3.9	*0.0*
other engineering	2.0	3.3	2.0	2.1	0.6	0.9	0.0	0.4	1.7	1.3	*5.5*

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.1	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	*0.0*
atmospheric science	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
chemistry	0.8	0.9	0.7	0.7	0.7	0.4	0.6	1.1	0.5	0.6	*0.0*
earth science	0.6	0.9	0.0	0.7	0.6	1.1	0.0	0.0	0.0	0.0	*0.0*
marine science	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	0.8	0.3	0.5	1.1	1.0	1.2	1.2	0.7	2.4	2.5	*2.0*
physics	0.8	1.1	1.5	0.3	0.7	0.9	0.0	0.6	0.0	0.0	*0.0*
statistics	0.3	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.3	*0.0*
other physical science	0.3	0.0	0.0	0.3	0.6	1.2	0.0	0.0	0.0	0.0	*0.0*
Professional											
architecture or urban planning	2.3	2.2	0.6	2.6	2.8	1.9	0.0	5.3	1.7	1.7	*1.3*
home economics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
health technology (med,dent,lab)	2.0	1.0	4.9	2.0	1.7	1.0	2.4	2.4	0.0	0.0	*0.0*
law	12.9	14.0	17.6	8.5	15.0	11.5	20.6	17.6	21.6	22.4	*13.1*
library or information science	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
nursing	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.6	0.6	*0.0*
pharmacy	0.5	0.2	0.0	1.2	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
predental,premedical,prevet	5.3	6.2	8.9	4.1	4.1	3.9	5.3	3.8	1.8	1.8	*2.1*
therapy (phys,occup,speech)	1.3	0.6	1.0	2.3	1.1	0.7	3.9	0.4	2.5	2.7	*0.0*
other professional	1.4	2.0	1.4	0.4	2.0	1.3	3.0	2.5	2.9	2.7	*4.7*
Social Sciences											
anthropology	1.4	0.4	0.5	3.5	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
economics	1.1	1.1	1.3	1.2	0.8	0.7	0.0	1.2	0.0	0.0	*0.0*
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
geography	0.3	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
political science	2.8	5.4	2.1	1.3	2.5	1.9	4.2	2.4	1.2	1.0	*3.2*
psychology	6.0	3.6	4.1	10.6	3.7	2.4	3.8	5.6	3.8	2.2	*21.6*
social work	0.6	0.0	0.4	0.0	2.1	3.3	0.6	0.8	0.0	0.0	*0.0*
sociology	0.4	0.0	2.1	0.3	0.3	0.0	1.2	0.3	0.0	0.0	*0.0*
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other social science	0.2	0.2	0.0	0.0	0.5	0.9	0.0	0.0	0.2	0.0	*1.8*
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	*0.0*
data processing or computer prog	0.9	0.6	0.0	1.4	1.0	0.1	0.5	2.6	0.0	0.0	*0.0*
drafting or design	0.3	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
electronics	0.3	0.0	0.0	0.0	1.2	1.4	0.0	1.3	0.4	0.4	*0.0*
mechanics	0.1	0.0	0.0	0.0	0.3	0.7	0.0	0.0	0.5	0.6	*0.0*
other technical	0.1	0.0	0.0	0.0	0.5	0.9	0.0	0.0	1.5	1.6	*0.0*
Other											
agriculture	0.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
communications	1.1	0.2	0.9	1.3	1.9	2.7	1.7	0.9	2.4	2.4	*2.3*
computer science	2.3	2.3	2.1	2.9	1.5	1.4	0.5	2.2	1.5	1.3	*3.8*
forestry	0.3	0.0	0.0	0.7	0.5	0.0	0.0	1.4	0.4	0.5	*0.0*
law enforcement	0.3	0.3	0.6	0.0	0.5	0.6	1.4	0.0	3.2	2.9	*7.2*
military science	0.2	0.3	0.0	0.3	0.1	0.0	0.4	0.0	0.0	0.0	*0.0*
other field	1.0	0.9	0.9	0.5	1.8	2.8	2.7	0.0	2.6	2.9	*0.0*
undecided	3.0	5.8	2.8	1.5	2.3	2.7	0.7	2.5	13.1	14.3	*0.0*

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Socializing with Friends											
none	0.2	0.0	0.3	0.1	0.3	0.5	0.0	0.3	0.4	0.4	0.0
less than one	1.0	0.9	0.8	0.9	1.2	1.9	0.6	0.5	1.1	1.1	0.5
1 to 2	5.4	6.5	2.0	6.3	4.2	4.6	4.2	3.5	6.3	6.2	7.2
3 to 5	13.0	12.8	12.4	12.9	13.5	15.1	14.6	10.1	21.3	22.2	13.1
6 to 10	23.3	27.1	22.8	21.0	22.2	20.4	19.4	26.8	25.8	25.9	25.0
11 to 15	17.9	16.8	20.1	19.1	16.9	19.4	19.8	11.1	12.5	12.7	10.3
16 to 20	15.2	13.0	16.2	15.9	16.4	14.3	18.3	18.9	15.3	15.7	11.5
more than 20	24.1	22.9	25.4	23.9	25.3	23.9	23.2	28.8	17.3	15.7	32.4
Exercising or Sports											
none	1.9	1.6	2.3	2.3	1.7	1.6	1.8	1.9	4.8	4.9	3.5
less than one	4.6	4.1	6.3	5.0	3.8	3.5	5.7	3.4	8.9	8.6	12.2
1 to 2	12.0	12.1	10.6	11.5	13.0	16.4	10.9	8.6	13.6	14.1	8.4
3 to 5	17.4	18.2	20.3	17.5	15.2	16.0	14.9	14.1	17.0	16.9	18.5
6 to 10	21.2	24.8	20.5	19.9	19.1	19.5	21.2	17.3	24.6	25.7	13.0
11 to 15	18.5	17.9	17.3	19.7	18.1	18.4	14.6	19.4	11.3	10.6	18.7
16 to 20	11.6	7.5	12.0	13.8	13.3	12.5	8.4	17.1	13.2	12.8	17.1
more than 20	12.8	13.7	10.7	10.3	15.8	12.1	22.6	18.3	6.6	6.4	8.6
Partying											
none	11.0	12.7	13.8	9.0	10.7	8.5	7.5	15.9	8.7	8.7	8.8
less than one	13.4	12.8	12.1	14.2	13.5	15.2	10.7	12.1	11.5	11.1	16.2
1 to 2	17.6	18.1	14.8	16.3	19.8	20.9	14.8	20.4	30.8	31.8	20.9
3 to 5	24.8	23.4	28.3	25.5	24.2	25.8	30.4	18.7	25.5	26.2	18.1
6 to 10	15.7	15.0	15.9	16.1	16.1	15.3	19.8	15.7	13.7	13.3	17.8
11 to 15	8.7	11.4	6.6	8.3	7.0	7.0	8.8	6.2	5.9	5.8	6.9
16 to 20	4.1	1.9	2.0	7.4	3.1	3.4	1.6	3.4	1.2	0.8	5.4
more than 20	4.6	4.8	6.6	3.2	5.6	4.0	6.5	7.7	2.7	2.4	5.8
Working (for pay)											
none	25.5	26.4	35.5	18.3	30.0	28.4	27.3	33.7	17.6	16.7	26.1
less than one	3.6	3.4	5.3	3.5	3.1	2.5	0.7	5.2	1.8	1.8	1.6
1 to 2	3.8	3.0	4.3	4.3	3.7	3.3	4.8	3.9	8.1	8.4	5.3
3 to 5	6.6	6.7	11.8	4.5	7.3	6.9	8.0	7.7	4.9	5.0	4.6
6 to 10	11.0	10.5	10.7	10.7	11.9	13.9	12.4	8.4	12.7	12.9	10.9
11 to 15	11.6	11.9	8.9	14.4	8.5	8.1	10.8	7.9	8.0	8.5	2.9
16 to 20	15.1	14.0	10.0	18.0	14.5	13.2	14.1	16.6	23.1	23.2	22.0
more than 20	23.0	24.1	13.6	26.1	21.1	23.7	21.9	16.5	23.8	23.5	26.6
Student Clubs and Groups											
none	30.0	29.1	17.7	34.2	30.2	28.2	32.3	32.3	43.4	44.4	33.6
less than one	16.6	19.0	14.1	16.1	15.5	18.3	13.6	11.9	18.3	18.4	17.0
1 to 2	24.7	26.1	29.9	24.6	21.2	22.3	21.1	19.4	17.1	16.2	26.1
3 to 5	16.7	13.0	23.2	16.8	18.4	17.8	17.1	19.8	8.5	8.1	12.5
6 to 10	6.8	7.7	7.9	4.0	9.3	7.8	10.2	11.1	3.9	3.8	4.5
11 to 15	2.7	2.4	4.3	2.3	2.8	2.7	2.5	3.1	1.6	1.4	3.5
16 to 20	1.1	0.7	2.0	1.2	1.3	1.4	1.7	0.8	0.6	0.4	2.3
more than 20	1.4	2.0	0.9	0.9	1.5	1.5	1.6	1.5	6.6	7.2	0.5

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MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Watching TV											
none	4.0	3.6	4.5	4.2	4.2	4.7	4.9	3.0	3.5	2.8	10.9
less than one	11.5	12.9	11.7	9.5	12.6	14.6	15.0	8.2	14.2	14.4	12.6
1 to 2	19.1	21.0	21.6	17.4	18.2	15.6	23.7	19.8	17.4	17.6	14.7
3 to 5	28.7	28.0	24.2	30.7	28.6	27.6	25.6	31.5	26.3	26.9	20.7
6 to 10	20.8	19.0	23.2	21.9	20.3	21.1	17.2	20.6	27.3	28.2	17.8
11 to 15	8.1	8.8	7.2	8.2	7.3	6.2	7.0	9.2	5.1	4.5	11.1
16 to 20	2.9	3.6	2.2	2.1	3.5	3.9	2.2	3.3	3.1	2.4	10.2
more than 20	4.9	3.2	5.3	5.9	5.3	6.2	4.4	4.3	3.1	3.2	1.8
Hobbies											
none	6.3	7.6	5.1	5.2	6.8	6.7	10.9	5.0	6.2	6.6	1.4
less than one	12.0	11.2	10.9	11.2	14.7	13.8	13.0	16.8	13.1	13.0	14.3
1 to 2	24.4	25.6	30.0	22.6	23.1	22.9	20.0	24.9	22.6	22.1	27.9
3 to 5	26.0	28.2	28.6	26.4	21.6	23.2	24.5	17.9	17.4	17.1	20.2
6 to 10	15.2	12.5	12.8	18.0	15.6	17.8	14.3	12.7	24.8	26.1	11.1
11 to 15	8.1	8.9	5.2	8.6	7.7	7.1	12.3	6.5	8.1	7.6	13.5
16 to 20	3.1	2.2	3.4	3.8	3.0	2.6	1.7	4.2	3.1	3.3	1.7
more than 20	4.9	3.8	4.1	4.2	7.5	5.8	3.4	12.0	4.7	4.2	9.8
Studying or Doing Homework											
none	1.2	1.2	2.2	0.9	1.4	1.1	1.0	1.9	1.3	1.1	3.1
less than one	8.6	12.2	4.0	8.8	5.9	6.1	10.1	3.5	14.8	15.5	7.6
1 to 2	18.2	16.8	10.8	21.4	18.4	21.9	10.6	16.6	23.5	23.4	24.7
3 to 5	28.1	25.6	20.0	32.5	28.2	27.9	32.7	26.6	32.0	32.5	27.1
6 to 10	27.4	26.5	33.4	26.2	27.9	27.9	26.4	28.5	21.5	21.5	22.3
11 to 15	8.9	8.7	14.9	5.9	10.8	9.2	10.5	13.6	4.8	4.5	8.2
16 to 20	4.4	5.8	8.7	2.3	3.9	3.7	5.6	3.4	1.1	0.5	7.0
more than 20	3.2	3.3	5.9	2.1	3.4	2.0	3.1	5.8	0.9	1.0	0.0
Talking w/Teacher Outside Class											
none	6.7	6.7	2.6	8.9	5.5	5.4	7.1	5.0	10.3	10.8	5.1
less than one	34.5	39.6	35.4	32.6	30.4	29.7	32.7	30.4	31.8	31.1	38.6
1 to 2	29.4	27.2	29.4	30.5	30.9	30.2	33.6	30.7	21.4	21.4	20.9
3 to 5	15.3	11.7	20.3	15.9	16.8	17.1	14.4	17.5	17.3	17.7	12.9
6 to 10	6.8	6.9	6.4	6.2	7.8	9.0	6.6	6.3	11.1	11.7	4.8
11 to 15	3.6	3.8	3.5	3.4	3.6	2.9	4.1	4.6	4.9	4.1	12.7
16 to 20	1.3	1.3	1.7	1.0	1.8	1.7	1.3	2.1	2.0	2.1	1.4
more than 20	2.3	2.9	0.7	1.5	3.3	4.2	0.3	3.4	1.3	1.0	3.8

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.1	0.2	0.3	0.0	0.2	0.0	0.0	0.7	0.0	0.0	0.0
less than one	0.8	1.0	1.3	0.6	0.7	0.9	0.5	0.4	0.8	0.7	1.7
1 to 2	4.3	3.4	4.4	5.3	3.8	4.6	3.7	2.6	5.0	5.4	1.6
3 to 5	12.5	13.9	10.4	12.4	11.7	9.9	11.1	14.9	8.4	8.6	6.3
6 to 10	22.9	21.0	22.1	23.6	24.7	24.3	24.2	25.6	20.8	20.0	28.3
11 to 15	17.1	18.5	21.1	16.9	14.3	13.0	17.8	14.6	17.4	17.9	12.7
16 to 20	14.3	14.9	12.0	13.6	15.5	15.7	16.6	14.5	11.5	10.6	20.2
more than 20	27.8	27.1	28.4	27.5	29.1	31.5	26.1	26.7	36.1	36.8	29.2
Exercising or Sports											
none	1.9	2.1	3.7	1.3	1.8	2.1	1.6	1.3	2.8	2.9	1.1
less than one	5.9	6.6	5.7	5.0	6.3	7.8	3.4	5.5	8.8	9.4	2.9
1 to 2	15.9	17.0	18.7	14.2	15.9	15.2	16.7	16.8	14.6	13.9	21.4
3 to 5	27.4	25.8	30.0	28.3	27.3	25.9	27.2	29.5	28.4	29.0	22.7
6 to 10	24.6	27.7	23.2	23.7	22.8	22.1	25.9	22.2	18.8	18.6	20.6
11 to 15	13.3	10.0	10.5	19.2	10.6	12.8	10.5	7.0	7.7	7.2	12.4
16 to 20	4.7	2.4	4.6	5.2	7.0	6.3	6.2	8.4	15.3	15.3	14.7
more than 20	6.1	8.5	3.7	3.0	8.3	7.7	8.5	9.2	3.7	3.6	4.2
Reading for Pleasure											
none	17.1	18.9	18.3	16.1	16.0	15.2	19.5	15.6	25.3	25.2	26.2
less than one	25.8	24.8	27.8	23.8	28.7	23.8	31.7	35.0	23.7	23.5	26.2
1 to 2	32.9	33.4	31.7	35.6	29.2	31.5	22.1	28.9	22.3	21.9	25.9
3 to 5	15.4	14.0	16.3	16.4	15.4	17.5	17.2	11.4	11.8	11.6	14.0
6 to 10	5.4	5.3	4.2	6.3	4.8	4.1	5.6	5.4	8.7	8.9	6.9
11 to 15	1.7	2.2	0.2	1.0	2.6	4.1	1.1	0.9	7.1	7.9	0.0
16 to 20	1.0	0.4	0.7	0.7	2.4	2.5	2.3	2.2	0.2	0.2	0.8
more than 20	0.7	1.0	0.8	0.1	1.0	1.3	0.6	0.7	0.8	0.9	0.0
Using a Personal Computer											
none	10.7	12.4	8.2	8.9	11.9	13.5	11.5	9.6	21.3	22.0	14.5
less than one	19.5	24.4	11.0	19.8	16.6	12.3	17.6	22.9	21.1	20.8	23.6
1 to 2	22.9	21.6	24.8	22.6	24.1	26.0	24.6	20.7	22.2	21.7	27.4
3 to 5	24.1	18.6	27.8	28.4	23.5	20.0	25.9	27.7	13.3	13.0	15.8
6 to 10	10.0	9.7	11.4	8.5	11.8	11.9	10.8	12.0	10.0	10.6	4.2
11 to 15	6.4	5.0	7.6	6.9	7.0	9.2	5.2	4.3	4.0	3.9	5.0
16 to 20	3.0	3.1	6.1	2.0	3.0	4.1	3.3	1.0	1.8	1.6	4.2
more than 20	3.5	5.2	3.0	3.0	2.3	2.9	1.2	1.7	6.2	6.3	5.4
Partying											
none	12.8	10.5	10.5	15.5	12.7	12.6	7.2	15.5	12.5	11.4	22.9
less than one	10.4	10.2	10.1	10.4	10.5	9.2	9.7	13.0	10.0	10.3	7.2
1 to 2	15.8	13.6	17.8	17.1	15.9	17.6	11.7	15.3	18.3	17.9	22.4
3 to 5	24.2	25.5	24.8	24.0	22.9	22.5	30.4	20.0	20.7	20.6	21.1
6 to 10	20.2	21.5	18.9	18.3	21.5	23.9	19.9	18.7	22.0	22.8	14.3
11 to 15	7.8	8.1	8.3	7.3	7.8	6.7	11.3	7.8	11.8	12.7	3.5
16 to 20	4.2	5.9	4.6	3.0	3.5	3.2	6.9	2.2	2.2	2.1	3.6
more than 20	4.7	4.7	4.9	4.4	5.1	4.3	2.9	7.6	2.4	2.1	5.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	34.0	40.8	42.5	30.5	27.2	29.7	30.5	21.9	20.7	20.2	25.6
less than one	2.8	3.1	2.1	1.6	4.2	4.6	1.7	4.8	1.1	0.9	2.5
1 to 2	3.1	3.1	3.6	2.6	3.5	3.3	5.1	3.0	8.1	8.1	7.9
3 to 5	5.0	4.2	6.2	2.5	8.7	7.8	8.8	10.2	5.3	5.5	3.3
6 to 10	10.8	7.5	14.4	9.9	14.8	15.5	7.0	17.5	7.7	7.3	11.3
11 to 15	11.4	10.9	12.5	11.0	12.0	9.0	20.0	12.9	7.9	7.5	11.6
16 to 20	12.1	14.5	7.1	13.2	9.6	10.7	10.3	7.5	17.6	18.4	10.2
more than 20	20.8	15.7	11.6	28.8	19.9	19.5	16.6	22.2	31.6	32.0	27.5
Clubs or Groups											
none	35.1	34.0	27.8	41.6	30.4	31.4	35.6	26.2	50.4	51.2	42.8
less than one	11.2	11.8	7.1	11.2	12.0	13.1	9.6	11.3	16.7	17.7	7.9
1 to 2	18.9	21.1	16.8	15.4	21.8	18.7	25.5	24.7	13.9	14.1	12.1
3 to 5	16.6	15.1	19.8	15.7	18.4	18.1	15.7	20.2	7.5	5.9	23.6
6 to 10	9.0	9.8	14.2	5.1	11.3	11.8	8.3	11.8	6.7	6.6	7.3
11 to 15	4.7	4.7	7.6	5.5	2.6	3.0	2.5	2.1	1.6	1.6	2.2
16 to 20	1.9	1.2	4.3	1.7	2.0	1.8	1.4	2.7	0.6	0.4	3.1
more than 20	2.6	2.4	2.4	3.8	1.6	2.0	1.5	0.9	2.4	2.5	1.1
Watching TV											
none	5.8	5.2	12.7	4.3	6.0	7.7	3.1	4.9	7.4	7.7	4.6
less than one	12.7	12.0	12.7	11.9	14.4	13.8	10.1	17.5	9.9	8.8	20.4
1 to 2	18.8	20.5	16.7	17.5	19.2	20.5	17.4	17.9	14.8	15.0	12.8
3 to 5	24.0	25.6	25.7	21.9	24.1	24.7	31.2	19.6	26.7	26.5	28.2
6 to 10	20.2	18.8	18.5	21.9	20.1	17.3	23.3	23.0	26.4	26.8	22.2
11 to 15	10.0	8.5	8.4	11.8	9.9	9.5	9.4	10.8	6.4	6.5	5.6
16 to 20	3.9	2.7	2.3	6.9	2.1	2.2	2.3	1.7	3.7	4.1	0.0
more than 20	4.7	6.6	3.0	3.8	4.2	4.3	3.1	4.7	4.7	4.6	6.3
Commuting											
none	45.3	45.5	64.3	36.4	49.5	51.7	45.4	48.2	28.2	26.8	41.0
less than one	13.4	13.7	14.8	11.7	14.9	14.5	11.7	17.1	9.9	10.2	7.2
1 to 2	15.2	16.4	8.3	17.1	14.1	13.7	17.9	13.1	19.1	19.4	16.4
3 to 5	16.1	14.4	7.8	22.6	12.9	11.5	13.8	14.6	17.6	18.2	12.1
6 to 10	5.7	6.8	2.6	6.2	5.0	4.5	6.9	4.9	11.6	12.0	7.3
11 to 15	2.0	1.6	2.2	3.2	0.9	0.5	3.0	0.5	10.0	9.8	12.0
16 to 20	0.6	0.0	0.0	1.0	1.1	0.7	0.8	1.8	0.7	0.8	0.0
more than 20	1.6	1.7	0.0	1.9	1.6	2.9	0.5	0.0	2.9	2.8	3.9
Religious Services or Meetings											
none	48.3	54.5	44.0	48.3	42.6	53.5	27.0	32.8	38.3	38.7	34.4
less than one	21.9	20.2	18.5	24.8	21.2	18.0	27.5	23.3	34.7	36.5	17.6
1 to 2	21.9	19.8	22.6	20.8	25.6	20.8	40.4	26.3	19.5	19.1	24.1
3 to 5	5.2	3.1	9.5	4.1	7.7	4.4	4.2	14.5	5.9	4.4	19.5
6 to 10	2.2	1.9	4.8	1.6	2.3	2.4	0.2	3.1	0.1	0.0	0.7
11 to 15	0.1	0.2	0.0	0.0	0.3	0.5	0.5	0.0	1.0	1.0	0.9
16 to 20	0.1	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	2.7
more than 20	0.3	0.2	0.0	0.4	0.3	0.4	0.2	0.0	0.3	0.3	0.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
HOURS/WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	19.1	19.1	23.9	18.2	18.4	20.6	10.5	18.7	12.1	12.5	8.7
less than one	19.2	19.6	22.0	16.3	21.6	20.4	21.2	23.5	18.8	19.2	15.2
1 to 2	26.8	26.7	27.6	28.1	24.8	25.4	27.7	22.5	28.2	28.5	25.8
3 to 5	17.7	18.1	13.8	17.9	18.4	15.1	24.7	20.6	14.7	14.5	17.0
6 to 10	9.8	8.2	9.5	11.6	9.4	10.1	11.2	7.4	11.4	11.4	11.5
11 to 15	3.7	3.8	1.6	4.1	3.8	3.3	2.8	5.0	10.6	10.3	13.5
16 to 20	1.6	2.3	1.2	0.7	2.1	2.6	1.4	1.6	1.4	1.0	5.6
more than 20	2.2	2.3	0.5	3.1	1.6	2.5	0.5	0.8	2.6	2.6	2.7
Classes or Labs											
none	2.2	1.0	1.7	3.2	2.7	2.1	3.7	2.9	4.5	4.1	9.0
less than one	1.7	1.9	0.8	2.6	0.8	0.4	0.7	1.5	1.3	1.0	4.5
1 to 2	1.5	0.9	1.2	1.3	2.5	2.6	0.0	3.7	2.9	2.8	4.1
3 to 5	4.8	3.4	3.5	5.4	6.2	5.6	4.6	7.8	3.5	2.8	9.8
6 to 10	10.8	10.1	6.5	12.2	11.2	13.5	6.2	10.0	18.3	18.9	12.3
11 to 15	33.0	32.5	31.9	33.6	33.4	32.6	39.2	31.8	27.7	27.7	27.4
16 to 20	27.6	31.4	33.1	24.2	25.4	23.1	32.8	25.3	22.5	22.9	18.3
more than 20	18.3	18.8	21.3	17.4	17.9	19.9	12.7	17.1	19.3	19.8	14.7
Studying or Doing Homework											
none	2.0	0.8	1.7	3.1	2.2	2.1	2.2	2.3	3.0	2.7	6.6
less than one	1.6	0.2	0.2	3.0	2.1	2.7	0.0	2.2	0.8	0.5	3.0
1 to 2	6.1	7.6	2.6	6.5	5.3	6.8	5.0	3.1	13.3	14.1	5.6
3 to 5	17.7	17.5	13.0	19.4	17.4	16.8	24.0	15.4	21.8	20.7	33.1
6 to 10	27.5	27.4	20.3	30.9	25.9	25.0	23.1	28.6	26.9	26.8	27.1
11 to 15	20.3	21.9	22.4	19.7	18.4	19.7	17.3	16.9	17.8	18.5	11.0
16 to 20	10.8	11.4	13.7	7.9	12.8	12.7	13.2	12.6	8.8	9.3	3.6
more than 20	14.0	13.4	26.1	9.6	16.0	14.3	15.2	19.0	7.6	7.3	9.9
Talking w/Faculty Outside Class											
none	21.0	25.2	15.7	24.8	12.9	14.3	12.6	10.9	13.2	13.6	9.5
less than one	50.9	54.3	51.8	48.9	49.2	47.2	54.1	49.9	42.1	42.4	39.1
1 to 2	21.6	16.4	26.7	19.9	28.4	28.2	25.3	30.3	36.6	36.9	33.4
3 to 5	4.8	3.1	3.5	5.4	6.5	6.9	6.1	5.9	6.9	5.9	16.4
6 to 10	1.1	0.7	1.1	0.8	2.2	2.0	1.8	2.9	0.7	0.7	0.7
11 to 15	0.2	0.1	0.5	0.0	0.6	1.1	0.0	0.1	0.5	0.5	0.0
16 to 20	0.1	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
more than 20	0.2	0.2	0.0	0.1	0.2	0.4	0.0	0.0	0.1	0.0	0.9

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

MALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	8.8	11.9	11.7	8.4	4.6	3.7	5.6	5.6	4.5	3.9	9.9
one	20.5	25.9	19.8	18.9	16.3	16.9	14.8	15.9	21.9	21.6	24.3
more than one	70.7	62.2	68.5	72.7	79.1	79.4	79.7	78.5	73.6	74.4	65.8
Emotional Support/Encouragement											
none	30.4	38.1	38.1	25.8	24.3	27.6	19.3	21.6	17.6	16.6	27.4
one	25.9	29.9	22.7	27.8	19.9	21.9	19.7	16.8	30.7	30.3	34.1
more than one	43.7	32.1	39.3	46.5	55.8	50.6	61.0	61.6	51.7	53.1	38.5
Sponsorship for Special Programs											
none	58.5	67.6	53.7	61.0	46.0	46.4	53.2	41.9	70.3	71.8	55.7
one	19.6	17.1	21.5	20.3	21.0	22.1	16.3	21.3	12.6	11.7	21.0
more than one	21.9	15.3	24.8	18.6	33.1	31.5	30.5	36.8	17.1	16.4	23.3
Letter of Recommendation for Job											
none	50.6	57.1	46.6	54.2	39.3	38.8	38.0	40.7	38.2	36.7	53.2
one	15.5	18.1	14.1	15.5	12.6	15.4	12.6	8.3	23.4	25.0	8.4
more than one	34.0	24.8	39.3	30.3	48.0	45.7	49.4	51.0	38.3	38.3	38.4
Help Cutting Through "Red Tape"											
none	45.6	51.1	46.0	48.6	34.8	38.3	26.3	33.5	44.9	44.8	45.9
one	24.2	25.9	25.4	23.0	23.4	19.8	31.0	25.5	23.5	24.2	16.2
more than one	30.2	23.0	28.6	28.4	41.7	41.9	42.7	41.0	31.6	30.9	37.9
Tutorial Assist in Study Skills											
none	31.7	36.4	36.2	27.9	29.3	28.6	24.9	32.4	21.0	20.7	24.5
one	23.1	24.5	19.0	23.0	23.2	25.2	20.9	21.1	23.1	22.8	25.4
more than one	45.2	39.1	44.7	49.1	47.5	46.1	54.2	46.5	55.9	56.5	50.0
Honest Feedback About Skills											
none	18.4	23.7	19.8	17.6	12.7	14.1	11.5	11.0	11.7	11.3	15.5
one	25.1	29.9	19.8	24.2	22.3	24.6	22.2	18.9	17.5	17.3	19.5
more than one	56.5	46.4	60.4	58.2	65.0	61.3	66.3	70.1	70.8	71.4	65.0
Intellect Challenge/Stimulation											
none	12.5	18.3	9.3	10.5	9.7	12.4	9.6	5.5	12.6	13.0	8.9
one	19.5	21.8	11.9	23.1	15.1	13.3	14.7	17.9	18.9	18.0	28.1
more than one	67.9	60.0	78.8	66.5	75.3	74.3	75.6	76.6	68.5	69.0	62.9
Role Model											
none	41.5	50.2	39.6	39.7	34.3	36.2	33.3	31.7	27.9	26.7	39.5
one	21.7	25.9	21.8	19.4	19.6	21.5	20.9	15.9	30.3	31.1	23.3
more than one	36.8	23.9	38.7	40.9	46.2	42.3	45.8	52.5	41.8	42.3	37.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Year Graduated from High School											
1989	97.6	98.4	98.7	95.8	98.8	98.3	99.6	99.1	84.9	83.3	96.2
1988	1.2	1.3	1.3	1.5	0.6	1.1	0.0	0.4	9.8	10.8	2.3
1987	0.5	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.6	0.5	1.5
1986 or earlier	0.3	0.0	0.0	0.6	0.3	0.2	0.4	0.5	3.4	3.9	0.0
H.S. equivalency (G.E.D. test)	0.4	0.3	0.0	0.7	0.2	0.5	0.0	0.0	0.9	1.0	0.0
never completed high school	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0
Age on December 31, 1991											
18 or younger	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.8	0.0	0.0	0.0
19	2.1	2.1	2.3	1.9	2.2	3.0	1.6	1.4	1.8	1.7	2.9
20	79.3	78.6	82.5	81.0	76.6	78.3	80.1	72.1	73.4	72.2	81.8
21	16.8	19.0	14.2	13.2	20.2	17.6	17.9	25.2	12.0	11.8	13.9
22	1.1	0.1	1.0	2.6	0.1	0.2	0.0	0.0	8.2	9.1	1.5
23 to 26	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	1.7	2.0	0.0
27 to 31	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.9	1.0	0.0
32 to 41	0.2	0.3	0.0	0.3	0.2	0.5	0.0	0.0	1.4	1.6	0.0
42 to 56	0.3	0.0	0.0	0.6	0.3	0.0	0.4	0.5	0.6	0.6	0.0
57 or older	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Racial Background (1)											
White/Caucasian	83.0	87.6	79.2	79.0	84.8	75.6	90.0	95.1	80.7	79.8	87.1
African-American/Black	11.1	6.3	8.7	15.8	10.5	19.5	2.6	2.0	4.3	2.9	14.3
American Indian	0.7	0.4	1.3	0.8	0.8	0.6	0.0	1.7	0.3	0.3	0.0
Asian-American/Oriental	3.4	3.4	6.9	3.5	2.3	2.2	2.8	2.1	1.2	1.3	0.8
Mexican-American/Chicano	1.2	2.0	2.8	0.4	1.1	1.4	1.6	0.3	9.1	10.3	0.0
Puerto Rican-American	0.3	0.4	0.5	0.0	0.6	0.8	0.9	0.0	1.0	1.1	0.0
other	1.6	1.4	3.3	1.5	1.4	1.4	2.4	0.7	4.6	4.7	3.5
Miles from College to Home											
5 or less	4.7	3.1	3.1	6.7	4.4	3.8	6.0	4.2	22.0	22.9	16.1
6 to 10	4.6	3.3	4.7	5.5	4.8	4.9	8.1	2.7	16.1	17.6	5.5
11 to 50	21.9	19.6	20.3	25.5	19.9	20.9	25.9	14.9	36.8	39.3	18.7
51 to 100	17.6	20.0	9.4	20.2	14.1	9.3	15.1	20.6	9.8	9.4	12.6
101 to 500	39.9	46.7	34.4	37.4	37.8	33.8	36.6	44.5	12.7	10.6	27.6
more than 500	11.2	7.3	28.2	4.8	18.9	27.4	8.3	13.1	2.7	0.4	19.4
Took Credit Courses at Freshman College Before Enrollment											
no	97.2	97.2	96.9	97.2	97.4	97.6	97.9	96.9	93.7	93.6	94.1
yes	2.8	2.8	3.1	2.8	2.6	2.4	2.1	3.1	6.3	6.4	5.9
Status of Parents in 1989											
together	70.7	73.8	76.8	66.7	71.1	64.8	77.3	76.6	69.7	70.6	63.8
divorced or separated	24.2	23.6	19.3	26.3	23.5	28.4	18.7	19.2	25.7	24.5	34.5
one or both deceased	5.1	2.6	3.9	7.0	5.4	6.7	4.0	4.3	4.6	5.0	1.8

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Average High School Grade											
A or A+	15.0	16.1	29.8	10.5	15.6	12.9	11.0	22.1	6.9	7.2	4.8
A-	18.3	20.1	24.9	14.7	19.3	16.8	19.0	23.0	7.4	7.5	6.6
B+	21.3	23.8	22.7	19.5	20.7	21.4	20.2	19.9	17.4	18.0	13.1
B	27.0	28.9	19.5	30.5	22.3	20.3	25.0	23.5	33.1	35.5	16.1
B-	9.9	6.8	2.2	12.5	12.0	14.6	14.5	6.7	19.9	19.5	23.0
C+	6.4	2.8	0.9	9.3	7.8	11.2	4.7	4.6	9.4	8.2	18.6
C	2.2	1.5	0.0	3.0	2.5	2.7	5.5	0.3	5.8	4.2	17.7
D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average Undergraduate Grade											
A	7.1	6.2	8.6	7.1	7.4	4.3	6.5	12.5	4.3	4.3	4.1
B+,A-	25.6	24.8	36.9	21.0	29.2	27.8	31.7	29.7	19.5	19.9	16.6
B	33.9	36.2	34.5	32.3	33.6	33.1	33.3	34.5	27.4	27.5	26.6
C+,B-	22.2	22.3	15.9	25.3	19.6	19.6	20.3	19.3	28.5	28.1	31.6
C	9.9	9.0	4.0	12.6	8.9	13.0	8.2	3.2	10.1	9.4	15.7
C- or less	1.3	1.5	0.0	1.6	1.3	2.1	0.0	0.9	10.1	10.7	5.4
Degree Aspirations in 1989											
none	0.9	0.1	0.6	2.0	0.4	0.2	0.3	0.9	2.4	2.7	0.0
vocational certificate	0.2	0.5	0.0	0.0	0.2	0.4	0.0	0.0	11.9	13.2	1.6
associate (AA or equivalent)	0.8	0.9	0.0	1.3	0.3	0.6	0.3	0.0	16.5	17.9	5.4
bachelor's (BA, BS)	26.4	25.0	17.7	31.5	23.7	21.5	27.2	24.8	28.6	28.4	30.2
master's (MA, MS)	43.0	42.7	43.8	44.3	41.4	37.8	46.9	43.5	27.7	26.0	41.1
PhD or EdD	15.4	15.3	18.2	11.4	19.7	24.1	13.9	16.7	4.4	4.5	4.1
MD, DO, DDS, DVM	6.5	7.0	11.1	4.7	6.9	7.8	4.1	7.1	3.7	2.9	10.0
LLB or JD (law)	5.5	7.6	8.1	3.7	5.0	5.1	6.0	4.2	3.7	4.1	0.7
BD or MDiv (divinity)	0.1	0.2	0.0	0.0	0.2	0.0	0.0	0.7	0.0	0.0	0.0
other	1.2	0.5	0.5	1.2	2.0	2.3	1.2	2.1	1.1	0.4	6.9
Highest Degree Earned by 1991											
none	92.1	92.6	93.7	93.0	89.8	90.9	86.0	90.4	72.1	74.4	56.9
vocational certificate	1.1	0.5	0.5	1.9	0.9	1.2	0.0	1.1	3.9	4.5	0.0
associate (AA or equivalent)	5.8	6.5	4.5	3.9	7.9	6.4	11.6	7.9	22.0	19.2	40.0
bachelor's (BA, BS, etc.)	0.3	0.0	0.3	0.2	0.7	0.8	1.5	0.2	0.8	0.4	3.2
master's (MA, MS, etc.)	0.0	0.0	0.4	0.0	0.0	0.0	0.2	0.0	0.4	0.5	0.0
Ph D or Ed D	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MD, DO, DDS, DVM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JD or LLB (law)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0
BD or MDiv (divinity)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0
other	0.6	0.4	0.6	0.7	0.6	0.8	0.7	0.2	0.6	0.6	0.0
Degree Aspirations in 1991											
none	2.2	1.3	0.2	3.5	2.1	2.5	2.1	1.4	11.9	13.0	3.8
vocational certificate	0.4	0.0	0.0	1.0	0.1	0.2	0.0	0.0	1.9	1.8	2.7
associate (AA or equivalent)	1.4	0.6	0.7	2.1	1.3	1.3	1.0	1.5	13.9	14.9	6.6
bachelor's (BA, BS, etc.)	34.8	31.9	27.6	39.5	33.9	30.1	39.6	35.7	31.5	31.6	30.8
master's (MA, MS, etc.)	37.9	41.2	37.1	36.9	36.1	35.3	33.0	39.1	30.4	28.6	44.1
Ph D or Ed D	12.4	12.2	12.7	9.4	16.7	19.6	15.1	13.6	5.9	5.8	6.9
MD, DO, DDS, DVM	3.9	4.4	8.3	2.5	4.1	4.2	3.5	4.3	2.1	1.9	3.9
JD or LLB (law)	5.6	7.1	11.0	3.4	5.3	6.1	5.7	3.9	2.2	2.5	0.0
BD or MDiv (divinity)	0.1	0.1	0.8	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
other	1.2	1.1	1.6	1.7	0.5	0.8	0.0	0.3	0.1	0.0	1.2

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Freshman College was Student's											
first choice	69.4	70.5	73.3	64.1	74.2	74.6	62.6	80.5	74.8	76.1	65.0
second choice	22.9	20.9	21.5	26.4	20.8	20.8	29.2	15.6	17.2	17.4	15.4
third choice	5.7	6.5	3.3	6.7	4.0	3.4	6.7	3.2	4.6	4.6	4.4
less than third choice	2.0	2.1	1.9	2.7	1.0	1.1	1.4	0.7	3.5	1.9	15.2
College Experiences Noted Very Satisfactory or Satisfactory (2)											
science and mathematics courses	63.6	60.7	60.8	62.6	69.1	68.9	64.2	72.2	70.3	69.9	73.2
humanities courses	78.1	79.1	81.8	75.3	79.5	77.3	81.6	81.4	64.2	62.1	77.3
social science courses	76.0	78.6	77.3	74.9	74.1	73.7	76.6	73.3	63.6	60.8	84.2
courses in major field	84.3	82.6	86.8	82.9	87.2	86.6	87.6	87.9	72.5	72.7	70.4
relevance of coursework to life	57.2	50.1	61.3	54.9	66.5	64.0	66.3	70.1	56.5	55.2	66.0
overall quality of instruction	74.3	63.0	85.3	74.2	83.2	82.4	79.8	86.2	70.9	69.5	81.4
lab facilities and equipment	65.2	68.1	73.6	63.6	61.9	61.0	62.7	62.7	74.4	75.3	68.5
library facilities	69.5	85.8	66.6	66.1	58.3	55.2	57.0	63.5	64.0	63.9	64.4
computer facilities	73.8	71.3	80.1	76.2	71.4	69.1	70.1	75.7	82.2	83.3	74.2
oppty for interdisciplin courses	56.3	55.4	59.6	51.1	62.1	64.1	58.6	61.1	38.4	37.4	43.6
oppty to talk to professors	77.3	66.2	82.0	74.6	90.6	90.2	88.5	92.4	72.1	69.9	87.6
oppty for extracurr activities	74.5	71.7	82.6	72.3	77.6	73.6	79.5	82.3	52.2	47.0	86.6
campus social life	65.6	73.1	59.9	61.8	64.7	62.0	64.5	68.6	60.9	59.0	74.5
academic tutoring or assistance	69.0	58.4	71.0	70.7	76.9	75.8	73.8	80.6	73.8	72.2	84.5
academic advising	55.3	44.4	55.5	53.4	69.3	66.0	72.9	71.8	53.3	49.7	79.3
career counseling and advising	49.7	41.0	54.5	47.4	61.2	56.9	65.8	64.9	49.5	48.1	59.9
personal counseling	52.5	41.2	59.1	49.0	64.2	66.1	65.4	60.3	63.5	63.6	63.0
student housing	57.0	58.2	63.5	52.2	59.7	55.9	57.7	66.3	46.9	42.3	64.3
financial aid services	40.8	33.6	47.9	39.8	45.9	44.8	51.2	44.7	50.0	48.4	60.7
contact with faculty and admin	58.3	42.9	66.5	57.5	72.2	60.9	81.5	83.0	58.9	55.0	84.0
oppty to attend films,concerts	75.6	81.1	82.4	75.9	67.4	60.1	68.6	77.0	54.3	53.4	60.7
job placement services	48.0	48.3	56.6	42.5	52.4	44.2	53.3	64.6	32.4	32.2	33.5
campus health services	52.5	53.3	45.9	55.0	50.3	51.1	49.4	49.6	58.0	57.8	59.1
class size	75.0	48.5	81.6	82.3	90.7	89.8	91.7	91.5	79.5	77.3	96.1
interaction with other students	81.8	77.8	80.7	82.4	85.7	83.7	85.9	88.5	80.3	78.2	95.2
ability to find faculty/staff	61.5	47.7	63.6	60.2	75.9	72.6	78.7	78.9	68.0	66.4	78.8
diversity of the faculty	59.9	55.8	65.3	59.2	63.3	56.6	67.9	70.2	63.6	63.1	66.9
leadership opportunities	55.8	55.5	67.1	52.5	56.8	50.6	62.0	62.8	44.1	40.5	65.7
overall college experience	76.9	76.5	82.6	75.7	77.3	74.0	81.5	79.7	70.0	68.2	83.5
Enroll at Freshman College Again											
definitely yes	35.4	37.4	40.1	31.9	36.7	35.2	34.8	40.1	40.1	40.6	36.6
probably yes	30.5	27.8	30.3	33.0	29.9	30.3	35.9	25.7	25.1	26.1	17.6
don't know	5.1	3.8	7.1	5.2	5.6	7.1	4.6	3.9	2.8	2.4	6.1
probably not	19.5	23.3	13.9	19.1	17.6	16.5	14.8	20.9	20.6	20.8	18.7
definitely not	9.6	7.7	8.6	10.7	10.2	10.9	9.9	9.4	11.4	10.0	21.0

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Took Time Off, Withdrew or Transferred											
no	74.2	79.3	83.3	70.2	71.5	71.2	71.7	71.8	57.6	59.4	44.3
transferred	16.1	12.0	12.7	17.9	19.0	14.7	22.3	23.1	16.1	12.6	42.1
withdrew	4.3	3.1	1.5	5.4	5.0	7.9	2.5	2.3	19.1	20.5	8.6
leave of absence	5.4	5.6	2.5	6.5	4.5	6.2	3.5	2.7	7.2	7.5	4.9
Reasons Noted as Very Important for Taking Time Off (3)											
reconsider goals and interests	43.8	39.0	*35.7*	52.1	38.2	35.8	48.4	35.7	39.8	40.8	*34.4*
changed career plans	27.5	32.3	*32.9*	28.3	21.8	23.5	24.3	17.9	30.6	34.8	*9.0*
wanted practical experience	13.7	9.9	*15.4*	16.2	13.1	10.1	12.7	17.7	31.3	35.9	*7.2*
didn't "fit in"	19.2	22.3	*41.2*	14.5	18.9	23.7	14.4	14.2	13.4	10.9	*25.8*
was bored with course work	11.5	12.4	*9.1*	11.6	11.3	11.4	14.2	9.3	17.7	17.8	*17.1*
wanted better acad reputation	22.0	15.9	*5.9*	31.8	16.1	12.6	29.4	13.6	33.7	33.4	*35.4*
wanted better social life	13.9	13.5	*17.9*	12.9	14.6	15.8	17.7	11.0	12.2	8.4	*36.0*
wanted to be closer to home	21.7	25.6	*37.2*	16.5	22.4	19.0	16.8	30.8	9.5	8.9	*13.0*
had good job offer	5.2	6.4	*0.0*	6.8	3.1	1.6	1.3	6.4	13.6	15.4	*2.8*
wasn't doing well academically	23.7	26.6	*16.0*	22.7	24.1	36.2	12.4	12.2	33.6	36.9	*14.2*
family responsibilities	12.7	8.6	*14.8*	17.5	9.1	7.3	14.1	8.8	30.2	35.1	*0.0*
tired of being student	4.4	5.1	*8.2*	2.1	6.3	5.2	5.2	8.6	7.3	6.1	*14.4*
couldn't afford college	25.6	21.7	*31.0*	25.6	27.6	26.9	30.0	27.2	30.8	33.4	*14.8*
wanted wider course selection	22.5	8.4	*19.4*	26.0	29.2	24.1	38.0	31.6	39.4	36.9	*54.5*
worked on school-related project	0.7	0.0	*2.0*	1.2	0.5	1.0	0.0	0.0	0.9	0.0	*6.2*
ENROLLMENT STATUS											
First Year											
attended freshman college	99.0	99.6	100.0	98.2	99.3	99.6	98.7	99.4	91.0	89.9	99.3
attended different college	0.5	0.3	0.0	0.9	0.5	0.4	0.5	0.6	8.5	9.5	0.7
not enrolled	0.4	0.1	0.0	0.9	0.2	0.0	0.9	0.0	0.5	0.6	0.0
Second Year											
attended freshman college	81.2	84.1	85.6	78.5	80.4	82.9	76.4	79.2	66.0	66.1	64.6
attended different college	16.0	13.2	12.5	18.6	16.4	13.7	21.9	17.1	17.7	15.6	32.0
not enrolled	2.8	2.7	1.9	2.9	3.2	3.4	1.6	3.7	16.4	18.3	3.4
Diversity-Related Activities in the Past Year (Reported in 1991)											
dated one of diff eth grp (4)	7.6	8.4	9.9	7.0	6.8	8.3	6.1	4.9	8.5	8.6	7.9
dined w/diff race/eth grp (4)	26.8	26.5	44.6	21.1	29.5	30.8	26.5	29.5	17.7	15.0	37.8
excluded because of ethnicity	11.6	12.6	16.6	11.8	8.6	9.9	6.9	7.8	8.0	6.8	16.0
had roommate of diff ethnic grp	22.7	26.7	35.1	19.6	19.2	18.7	21.3	18.7	12.8	12.1	18.5
heard faculty make inapp remarks	19.8	18.5	22.3	21.3	18.4	19.5	21.4	15.0	18.0	17.3	23.8
insulted/threatened for ethnicty	10.8	11.9	12.6	12.8	6.7	6.8	5.8	7.0	4.4	3.2	12.8
pressed not to soc w/oth eth grp	16.3	19.7	15.0	16.4	13.2	14.2	15.1	10.7	8.2	7.9	10.2
socialized w/diff ethnic grp (4)	48.2	50.2	60.9	42.2	50.3	48.9	53.8	50.2	54.7	54.2	58.8
studied w/diff race/eth grp	66.5	69.9	79.8	60.7	66.8	64.8	72.8	66.0	62.6	61.7	69.4

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Events Considered Very Likely to Occur (Reported in 1989)											
be elected to student office	3.9	3.6	5.1	4.4	3.2	2.0	5.1	3.7	3.6	3.9	1.3
be satisfied with college	57.1	58.1	64.9	53.5	58.8	61.5	49.6	60.5	57.5	57.7	55.6
change career choice	16.9	20.3	18.2	15.5	15.0	14.3	13.4	16.8	10.1	9.6	13.6
change major field	17.5	21.6	15.8	16.2	15.5	13.7	13.8	19.0	9.8	9.4	12.7
drop out permanently	0.7	0.0	0.2	1.5	0.6	0.3	1.5	0.5	1.7	1.9	0.0
drop out temporarily	0.5	0.3	0.6	0.8	0.3	0.2	0.5	0.3	2.1	2.4	0.0
get job to pay expenses	39.2	37.6	38.9	41.0	38.7	36.8	42.3	39.2	38.5	39.3	32.7
get married while in college	5.3	4.8	1.6	6.4	5.5	5.4	3.9	6.5	5.5	5.6	4.7
graduate with honors	14.6	13.4	21.8	12.1	16.9	20.4	11.1	15.9	9.2	8.9	11.2
join social frat or sorority	24.6	26.7	37.8	22.0	22.1	21.8	22.0	22.5	14.3	12.8	25.3
make at least "B" average	45.1	42.7	53.1	44.6	45.7	46.0	45.5	45.5	39.5	41.1	27.7
participate in student protests	8.7	10.5	13.7	7.0	7.8	10.9	7.5	3.6	9.4	9.5	8.9
play varsity athletics	10.4	8.8	10.0	9.3	13.9	13.5	13.8	14.5	7.2	5.9	16.7
transfer to another college	9.8	5.0	4.1	17.0	6.7	2.1	8.5	12.0	18.9	18.5	21.5
work at outside job	18.7	16.5	16.8	22.7	16.0	15.9	21.8	12.7	34.0	36.6	14.4
work full-time while attending	2.3	1.4	0.9	4.2	0.9	1.4	1.2	0.0	3.0	3.3	0.7
Events Occurring Since Entering College											
was elected to student office	15.2	11.7	24.1	14.4	17.1	17.0	15.5	18.2	11.6	10.7	18.3
was satisfied w/freshman coll(5)	75.9	75.4	82.0	74.6	76.5	73.4	79.4	79.3	69.4	67.6	82.4
changed probable career (5)	49.6	52.5	51.4	47.4	49.1	45.5	49.5	53.2	41.4	38.8	60.2
changed major field (5)	50.5	53.4	52.6	48.7	49.4	47.8	46.9	53.1	47.9	46.6	57.5
dropped out permanently (5)	4.2	3.0	1.5	5.3	4.9	7.8	2.5	2.3	18.7	20.1	8.4
dropped out temporarily (5)	5.3	5.5	2.4	6.3	4.4	6.1	3.4	2.7	7.1	7.4	4.8
had part-time job off campus	42.1	43.7	37.3	45.5	37.3	35.2	44.6	36.1	52.8	54.4	41.0
had part-time job on campus	40.4	36.7	46.6	35.2	49.4	47.7	42.8	55.8	24.2	21.5	44.6
gotten married	1.4	1.3	1.3	1.6	1.6	1.2	0.3	2.9	3.9	4.1	2.5
graduated with honors	0.2	0.0	0.4	0.2	0.4	0.8	0.2	0.0	4.8	3.6	13.4
in intercollegiate sports	19.2	18.0	20.8	16.8	23.3	21.9	25.0	24.3	12.5	10.9	23.9
joined a fraternity or sorority	23.1	25.4	35.9	20.9	20.0	17.2	7.8	31.4	7.7	6.5	16.5
got "B" or better average (5)	66.6	67.2	80.1	60.5	70.2	65.3	71.5	76.7	51.2	51.7	47.3
participated in student protests	18.7	22.8	22.1	14.5	19.2	23.7	18.5	13.1	3.0	3.1	2.4
transferred before graduating	15.8	11.8	12.5	17.4	18.7	14.5	21.9	23.0	15.8	12.3	40.8
worked full-time while student	6.7	5.9	2.9	10.6	3.5	2.5	7.5	2.6	17.0	18.1	8.5
Other College Activities											
actively involved in student org	42.3	38.3	60.0	38.7	46.0	43.3	45.8	49.9	22.6	19.5	45.4
attd racial/cultural workshop	22.1	21.8	32.4	17.9	25.0	30.5	14.8	23.3	7.4	7.1	9.3
enrolled in ethnic std course	18.7	21.0	28.3	14.3	19.4	26.4	8.3	15.8	7.4	7.6	5.9
enrolled in honors program	18.6	20.0	27.3	12.2	23.2	22.7	23.1	23.9	10.0	9.3	15.5
enrolled in women's std course	13.2	21.4	15.1	5.4	14.6	16.1	13.6	12.9	4.4	3.7	9.9
faculty took interest in me	42.2	29.9	51.7	38.1	57.8	57.5	52.7	61.4	34.3	31.3	56.2
in college internship program	5.3	4.4	11.1	3.8	6.5	7.0	6.5	5.8	8.4	8.6	6.5
in social/ethnic student org	9.2	9.6	13.9	7.4	10.0	12.8	5.0	9.1	4.0	3.3	8.8
in study abroad program	4.9	3.6	8.2	3.2	7.6	8.5	3.8	8.5	1.5	0.9	5.8
participated in leadership class	15.4	13.9	18.0	14.5	17.3	18.5	14.8	17.2	9.9	7.5	27.4
participated in ROTC	1.4	0.5	2.6	1.7	1.5	2.8	0.6	0.3	0.2	0.2	0.2
served as residence advisor/asst	3.6	2.2	4.0	2.7	6.0	5.9	4.8	6.7	2.5	1.1	13.1
taken remed/develop class	9.9	4.5	5.5	16.7	7.4	9.0	6.8	5.6	29.7	29.1	33.7
worked on prof's research proj	7.2	7.1	9.8	6.3	7.8	7.3	5.5	9.8	8.5	8.3	10.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Activities in the Past Year											
Reported in 1989											
attended a religious service	89.0	86.6	88.8	89.3	91.0	89.0	91.9	93.5	87.1	86.3	92.5
been guest in teacher's home	34.2	35.1	36.4	34.3	32.7	30.8	24.3	40.4	23.9	23.1	29.3
did extra work for class (4)	14.0	18.2	14.3	11.1	13.4	15.4	16.0	9.0	8.3	6.3	22.8
didn't complete homework on time	66.0	64.8	69.8	66.6	65.2	69.6	61.6	60.9	60.6	57.9	80.5
drank beer	54.2	56.2	52.2	54.9	52.0	50.7	68.0	44.1	58.2	59.1	51.2
drank wine or liquor	64.9	71.1	63.1	61.6	63.2	63.0	76.3	55.5	62.4	63.7	52.8
felt depressed (4)	10.0	11.1	6.5	8.7	11.5	8.8	10.2	16.1	14.6	12.8	28.0
felt overwhelmed (4)	29.3	33.2	29.6	28.4	26.3	26.2	28.2	25.2	23.5	22.4	31.0
participated in demonstration	38.3	34.6	27.6	41.4	41.2	41.6	43.2	39.5	36.1	34.3	49.5
performed volunteer work	70.2	72.9	77.7	62.6	75.2	71.7	78.6	78.3	57.4	55.0	75.6
smoked cigarettes (4)	9.0	6.6	10.0	12.0	7.2	8.1	14.0	2.0	20.2	20.6	17.8
stayed up all night	79.1	76.7	82.1	79.3	80.3	82.0	80.6	77.7	80.2	80.4	79.1
studied in the library (4)	17.9	21.8	24.2	15.4	15.5	16.7	14.5	14.3	12.5	12.9	9.3
studied with other students	91.1	93.3	90.5	89.6	91.1	91.9	89.9	90.7	78.1	76.4	90.7
tutored another student	53.1	54.7	70.1	47.8	53.4	54.3	47.7	55.7	40.6	40.6	40.6
used a personal computer (4)	32.4	33.5	45.4	27.5	33.9	38.2	28.4	31.0	26.8	27.9	19.0
was bored in class (4)	34.0	38.4	37.8	30.5	33.1	32.4	34.5	33.2	24.3	23.3	31.6
Reported in 1991											
attended a religious service	74.4	69.6	72.7	74.5	79.7	74.1	82.1	86.4	68.8	66.5	85.6
attended recital or concert	82.1	82.4	81.0	81.2	83.4	82.9	75.9	88.7	62.9	61.3	74.8
been guest in professor's home	21.8	10.8	31.9	18.7	34.5	29.8	22.5	48.5	12.1	7.4	47.0
been lonely or homesick	72.2	77.1	73.2	69.3	70.8	67.8	67.0	77.5	55.8	54.4	66.5
did extra work for class (4)	8.7	11.0	7.6	9.0	6.4	5.4	7.4	7.2	16.0	16.1	15.6
didn't complete homework on time	55.7	56.0	58.4	56.5	53.6	55.8	52.5	51.1	51.8	50.1	64.7
discussed course w/students (4)	65.5	61.3	75.8	64.7	67.8	67.2	72.7	65.6	47.5	46.9	52.2
drank beer	64.8	69.7	67.1	62.5	62.2	61.5	77.7	54.0	70.2	71.5	60.3
drank wine or liquor	76.3	81.4	73.0	74.9	73.8	73.7	84.4	67.8	74.2	76.1	60.1
felt depressed (4)	12.3	14.5	9.5	10.4	13.6	14.6	10.4	14.1	12.4	12.9	8.3
felt like leaving college	53.0	55.7	45.4	54.1	50.8	50.8	44.1	54.9	60.4	61.1	55.3
felt overwhelmed (4)	36.9	42.6	33.3	34.5	35.3	35.4	33.7	36.2	33.8	34.0	32.4
in anti-war demonstration	9.5	9.4	15.9	7.2	10.7	12.7	10.7	7.7	3.6	3.6	3.9
missed class due to illness (4)	5.1	5.1	6.9	5.2	4.3	4.2	5.5	3.8	12.6	13.6	5.2
overslept and missed class/appt	56.9	63.4	58.1	53.9	53.8	60.0	51.1	46.3	55.8	53.8	70.4
participated in demonstration	25.0	30.0	28.5	20.3	25.2	30.1	28.5	16.3	15.5	13.7	28.7
participated in intramural sport	36.5	40.3	39.6	33.5	35.5	30.0	40.5	40.6	24.8	21.3	50.2
performed volunteer work	61.6	59.0	72.6	56.7	67.6	65.0	59.6	76.0	46.4	42.5	75.0
received personal counseling	15.1	12.7	15.7	15.6	16.5	15.8	19.0	16.1	18.0	14.8	41.6
received voc/career counseling	49.2	50.4	48.7	49.8	47.3	44.4	50.4	49.5	53.1	52.1	60.4
smoked cigarettes (4)	11.3	10.9	12.1	12.3	10.1	12.0	13.7	5.2	21.6	21.2	24.7
stayed up all night	65.5	67.3	62.3	66.5	63.1	67.3	62.6	57.3	70.4	69.1	80.0
studied in the library (4)	33.3	34.8	33.4	33.4	31.7	31.8	35.6	29.3	20.1	20.3	18.7
studied with other students	94.3	94.6	94.2	94.0	94.5	94.8	94.7	94.1	88.5	87.5	95.4
took interdisciplinary course	36.8	35.7	52.2	29.5	42.9	43.5	41.3	43.1	17.5	16.8	22.9
tutored another student	46.1	46.2	49.0	43.4	48.7	43.0	44.6	59.3	34.0	31.9	49.6
used a personal computer (4)	47.4	45.3	64.1	39.1	55.8	55.7	54.7	56.6	38.1	38.8	32.6
was bored in class (4)	29.0	33.4	28.1	29.5	24.1	22.0	25.9	26.1	24.5	25.2	19.7
worked on grp projects in class	83.6	80.1	80.6	83.8	87.9	88.3	86.5	88.1	75.5	73.0	93.7
worked on ind research project	42.9	41.2	43.1	43.3	44.0	45.8	47.6	39.3	51.5	49.4	66.8

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Student Rated Self Above Average or Top 10% in 1989											
academic ability	63.8	74.4	84.2	54.0	59.9	57.7	59.4	63.5	39.0	40.3	30.2
artistic ability	25.1	28.0	29.5	21.2	26.1	27.9	27.6	22.5	16.7	16.9	15.5
competitiveness	48.9	56.1	62.1	43.5	45.0	46.0	41.7	45.6	36.4	36.3	37.2
drive to achieve	71.0	78.7	82.9	62.5	71.1	75.0	63.1	70.3	50.9	49.9	58.3
emotional health	55.0	59.1	66.2	50.8	53.0	54.6	50.3	52.3	47.2	46.7	50.7
foreign language ability	39.8	43.9	50.3	35.3	38.6	39.5	36.5	38.4	33.1	34.2	25.2
leadership ability	53.6	60.7	67.8	44.9	53.9	51.9	58.1	54.2	35.0	32.8	51.2
mathematical ability	38.7	43.0	50.1	32.4	39.4	39.0	35.7	42.3	25.8	25.9	24.8
physical health	51.2	57.7	58.1	44.5	51.5	52.8	51.1	49.9	53.4	52.9	56.8
popularity	40.4	47.5	45.4	35.3	38.4	38.6	43.5	34.9	28.6	26.3	45.2
popularity with opposite sex	38.2	44.7	38.2	34.4	36.5	39.0	40.4	30.6	36.0	34.1	50.3
public speaking ability	33.7	36.1	49.6	28.3	33.7	35.1	31.1	33.3	19.1	18.1	26.0
self-confidence (intellectual)	50.2	57.2	64.9	42.6	49.0	51.1	47.0	47.3	31.7	31.3	35.3
self-confidence (social)	42.8	48.5	51.6	37.2	41.8	45.7	41.1	36.7	33.9	32.2	46.0
writing ability	47.9	53.2	62.1	42.7	45.4	42.3	43.9	50.6	34.4	33.1	44.1
in 1991											
academic ability	63.0	67.9	76.9	54.6	65.0	61.9	62.4	71.2	43.8	44.3	40.3
artistic ability	26.8	29.5	30.8	21.5	30.1	31.3	32.6	26.9	18.1	18.0	19.2
competitiveness	48.9	54.1	56.6	42.9	49.4	50.1	51.6	47.2	39.4	38.2	48.2
drive to achieve	66.0	69.9	76.4	57.9	69.9	73.0	65.6	68.1	55.0	55.5	51.0
emotional health	56.2	56.6	62.9	53.7	57.2	62.0	52.2	53.2	34.9	33.0	49.3
foreign language ability	38.2	38.8	49.4	34.0	40.0	40.6	35.3	41.8	24.8	24.2	28.9
leadership ability	51.4	53.8	61.5	44.6	55.1	56.9	54.9	52.8	41.6	40.1	52.9
mathematical ability	37.6	37.7	47.4	34.8	38.6	38.6	37.1	39.4	33.8	33.8	34.2
physical health	50.3	53.4	55.3	45.4	52.0	55.7	49.6	48.0	48.3	48.7	45.6
popularity	39.6	42.0	39.7	34.9	43.3	43.7	52.4	37.2	34.9	31.1	62.4
popularity with opposite sex	42.9	48.8	42.1	38.0	43.7	46.6	46.8	37.6	41.4	39.4	56.7
public speaking ability	34.6	33.6	44.5	32.4	35.6	33.2	35.2	39.3	26.5	24.2	43.9
self-confidence (intellectual)	57.4	60.2	67.3	52.2	58.4	63.4	52.2	54.9	38.7	37.4	48.3
self-confidence (social)	47.9	47.6	53.9	46.1	48.8	51.8	51.5	43.0	52.5	50.2	68.9
writing ability	55.2	59.7	63.4	49.8	55.2	50.4	54.3	62.6	56.7	55.9	62.1
Students Reporting At Least One Faculty Member That Provided (6)											
advice/guidance about educ pgm	93.5	91.8	92.1	93.7	95.4	95.6	95.9	94.7	88.5	87.6	95.1
emotional support/encouragement	77.1	70.1	74.6	75.3	87.4	86.8	90.5	86.5	81.8	80.1	94.5
sponsorship for special programs	47.4	37.9	44.8	46.7	59.1	56.1	59.1	63.5	50.3	50.1	52.2
letter of recommendation for job	57.9	45.0	61.9	57.8	70.2	69.2	67.6	73.2	56.3	52.7	82.5
help cutting through "red tape"	54.7	48.7	50.6	54.8	62.0	58.8	63.0	66.2	54.3	52.9	64.5
tutorial assist in study skills	73.4	64.2	67.2	78.7	77.6	78.4	80.5	74.9	82.9	82.7	84.7
honest feedback about skills	85.3	81.2	83.3	86.5	88.6	86.2	93.7	88.9	88.9	88.6	91.2
intellect challenge/stimulation	89.2	86.8	91.6	88.5	91.9	88.0	94.4	95.9	79.8	78.7	87.9
role model	69.3	65.2	72.6	68.6	73.6	69.1	76.2	78.6	62.0	59.8	78.2

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
RESIDENCE PATTERNS											
Preferred for Fall 1989											
with parents or relatives	9.9	8.9	4.7	12.4	9.2	8.9	11.1	8.4	19.8	20.6	15.0
other private home,apt,room	29.4	34.3	10.9	34.1	22.9	23.6	29.4	18.4	36.2	37.4	27.8
college dormitory	47.5	39.6	69.8	42.5	56.4	57.8	49.2	58.7	32.7	29.9	51.8
fraternity or sorority house	6.1	11.4	8.5	2.9	4.1	2.9	3.8	6.0	2.1	2.4	0.0
other campus housing	5.6	4.9	6.1	5.5	6.3	5.5	5.8	7.6	5.0	5.7	0.9
other	1.5	0.9	0.0	2.6	1.1	1.4	0.7	0.9	4.1	4.0	4.5
Planned for Fall 1989											
with parents or relatives	16.3	10.1	8.4	25.1	13.2	16.1	19.6	5.4	54.7	58.1	28.4
other private home,apt,room	2.3	2.7	0.0	3.6	0.6	0.4	0.8	0.8	17.6	19.7	0.8
college dormitory	78.8	85.2	87.7	67.5	84.9	82.2	79.4	92.0	22.3	16.1	70.8
fraternity or sorority house	0.1	0.0	0.3	0.1	0.2	0.3	0.0	0.2	0.0	0.0	0.0
other campus housing	2.3	1.9	3.6	3.3	0.7	0.4	0.0	1.7	3.5	3.9	0.0
other	0.2	0.1	0.0	0.3	0.3	0.6	0.2	0.0	1.9	2.1	0.0
First Year											
with parents or relatives	15.8	10.2	7.7	23.9	13.4	16.0	20.5	5.5	51.9	55.4	26.6
other private home,apt,room	1.8	2.5	0.0	2.3	1.1	0.9	0.4	1.7	19.5	22.0	1.8
college dormitory	79.9	85.9	89.4	69.7	84.1	82.2	77.9	90.6	23.7	17.2	71.6
frat or sorority house	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other campus student housing	2.3	1.1	2.9	3.9	1.2	0.9	0.8	1.7	3.1	3.6	0.0
other	0.1	0.0	0.0	0.1	0.3	0.0	0.4	0.5	1.7	1.9	0.0
Second Year											
with parents or relatives	19.2	13.8	10.8	26.8	17.4	20.9	23.9	8.5	46.8	50.1	23.5
other private home,apt,room	15.7	26.4	13.7	12.9	8.7	6.4	8.8	12.0	26.6	29.5	6.4
college dormitory	56.5	50.7	63.6	51.6	67.0	66.3	59.1	72.7	21.7	15.3	67.0
frat or sorority house	2.7	5.2	6.1	0.3	2.3	2.7	0.0	3.1	0.0	0.0	0.0
other campus student housing	5.1	2.8	5.8	7.5	4.2	3.7	7.3	3.1	3.0	3.3	1.5
other	0.7	1.1	0.0	0.9	0.4	0.0	0.9	0.6	1.8	1.8	1.6
Had Remedial Work In High School											
English	3.9	1.9	3.1	3.7	6.5	9.0	8.6	1.5	6.6	5.4	15.4
reading	3.8	2.1	2.0	4.2	5.6	9.0	6.3	0.3	6.0	4.8	15.3
mathematics	10.2	6.7	10.8	9.4	14.8	17.6	16.6	9.6	12.1	10.8	21.5
social studies	2.4	0.9	1.2	3.5	2.9	3.0	5.6	1.2	4.6	3.9	9.6
science	3.5	2.2	3.9	3.6	4.5	4.8	6.8	2.6	4.6	3.9	10.0
foreign language	4.0	2.2	1.7	5.8	4.3	5.2	5.2	2.4	6.5	5.8	11.7
Will Need Remedial Work in College (Reported in 1989)											
English	6.9	7.5	2.5	6.8	7.8	8.9	7.7	6.4	23.8	25.6	10.4
reading	2.9	2.1	1.3	3.5	3.2	3.1	4.5	2.7	15.0	15.9	8.3
mathematics	26.0	26.3	20.1	29.0	23.4	22.0	28.2	22.5	37.5	36.5	44.4
social studies	3.0	2.5	3.1	3.9	2.4	2.4	1.5	2.8	4.0	3.0	11.9
science	12.1	9.5	11.6	13.7	12.9	14.9	11.6	10.7	14.0	12.4	25.2
foreign language	10.7	10.8	8.6	10.6	11.3	13.1	9.3	9.9	7.1	5.7	17.4

1991 FOLLOW-UP OF 1989 FRESHMEN
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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Objectives Noted as Essential or Very Important in 1989											
achieve in a performing art	11.5	8.9	13.8	10.1	15.3	13.0	16.8	17.5	11.7	10.6	19.6
be involved in environ clean-up	26.1	29.8	24.6	21.9	28.3	33.9	23.3	23.7	26.7	27.2	23.0
be successful in own business	38.1	39.8	36.8	36.2	39.3	43.6	38.5	34.1	55.5	56.9	45.4
be very well off financially	70.3	72.8	64.5	74.7	63.2	63.4	75.1	56.0	80.2	80.1	81.1
become authority in my own field	66.3	68.0	66.4	64.7	66.6	72.6	63.7	60.2	71.2	70.5	76.6
create artistic work	12.5	14.3	10.4	11.2	12.8	13.2	17.7	9.3	8.4	7.7	13.6
develop philosophy of life	44.8	47.6	54.6	40.8	44.5	43.6	44.3	46.0	34.7	32.5	50.9
have admin responsibility	43.2	47.3	45.9	43.4	37.8	37.7	44.6	34.0	50.3	49.9	53.2
help others in difficulty	69.3	68.2	67.6	68.2	72.5	73.2	68.3	74.1	68.2	68.2	68.4
influence political structure	19.1	20.0	26.0	17.8	17.6	19.4	19.6	14.1	14.7	12.8	28.1
influence social values	48.1	47.7	48.5	47.9	48.6	47.2	47.3	51.4	46.4	43.9	64.4
keep up to date with politics	43.0	45.8	55.6	39.4	41.1	45.2	42.9	34.4	24.9	21.7	48.8
obtain recog from colleagues	57.5	61.5	54.0	57.0	55.3	56.1	62.4	49.9	60.5	60.8	58.0
participate in community action	27.1	28.9	36.1	21.5	30.2	33.3	30.2	26.0	17.8	15.6	34.6
promote racial understanding	37.9	35.3	47.2	35.1	41.8	48.4	37.2	35.5	45.8	45.9	45.0
raise a family	68.6	69.3	68.7	67.1	70.0	66.3	69.2	75.7	69.9	68.6	79.2
theoretical contrib to science	13.6	17.0	12.6	11.4	13.4	15.1	15.8	9.7	10.6	9.5	18.8
write original works	13.5	13.4	18.2	11.9	14.4	15.9	17.3	10.7	9.1	7.8	18.2
in 1991											
achieve in a performing art	10.9	10.2	13.9	8.4	14.1	14.7	11.7	14.9	13.1	13.4	11.2
be involved in environ cleanup	39.6	42.0	38.0	38.9	38.6	36.8	42.8	38.6	48.4	49.5	40.4
be successful in own business	33.4	30.8	34.2	33.8	35.2	40.1	37.5	26.8	35.5	35.0	38.8
be very well off financially	61.9	61.5	57.5	65.4	58.9	64.4	64.1	47.8	75.7	76.3	71.3
become authority in my field	74.0	74.8	73.9	74.6	72.6	69.6	76.6	74.6	69.1	68.9	70.4
create artistic work	12.0	12.0	10.2	11.5	13.1	11.5	18.8	12.0	10.4	9.4	17.6
develop philosophy of life	48.8	49.5	55.5	45.3	50.7	51.3	55.5	47.0	43.4	42.7	48.4
have admin responsibility	39.8	40.6	37.3	41.6	37.2	34.3	45.5	36.6	44.2	43.7	47.7
help others in difficulty	76.1	77.0	76.5	76.6	74.3	75.4	71.3	74.7	78.6	79.5	71.5
influence political structure	15.9	19.3	20.5	12.6	15.5	13.5	18.4	16.6	14.6	14.0	19.2
influence social values	51.3	50.4	52.5	50.8	52.6	50.2	50.2	57.5	50.2	48.9	59.9
keep up to date with politics	42.9	43.1	55.6	40.1	42.7	46.1	43.4	37.4	30.6	28.9	43.5
obtain recog from colleagues	57.4	62.5	49.1	56.1	56.4	55.2	60.6	55.7	54.8	54.2	59.5
participate in community action	30.4	33.8	34.9	28.4	28.2	30.1	28.1	25.4	24.0	24.7	18.8
promote racial understanding	39.8	36.4	47.9	39.4	41.5	48.2	38.4	33.5	35.5	34.8	40.5
raise a family	72.4	70.2	77.9	71.0	74.8	73.4	73.6	77.6	75.8	74.7	83.9
theoretical contrib to science	10.9	12.9	10.5	8.4	12.3	13.7	13.4	9.6	11.3	11.4	10.7
write original works	15.2	18.0	15.0	12.8	15.8	16.7	15.8	14.3	12.0	11.4	16.4

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Political Orientation in 1989											
far left	0.7	1.4	0.0	0.4	0.7	1.1	0.4	0.4	1.0	1.1	0.0
liberal	24.6	27.5	23.5	23.1	24.0	30.3	23.6	15.2	18.1	17.9	19.8
middle of the road	54.8	55.0	53.2	57.1	52.0	47.8	56.7	55.1	66.8	68.1	56.6
conservative	19.1	14.9	23.2	18.4	22.9	20.7	19.0	28.4	13.5	12.6	20.5
far right	0.8	1.1	0.0	1.0	0.4	0.2	0.3	0.9	0.5	0.2	3.1
in 1991											
far left	1.5	2.1	1.0	1.5	1.2	1.7	0.9	0.6	1.0	1.0	1.2
liberal	26.9	25.9	35.2	23.7	29.5	39.9	30.7	13.6	19.7	20.2	15.9
middle of the road	50.0	52.5	42.1	52.7	46.3	40.9	46.8	54.0	64.6	66.2	52.9
conservative	21.0	19.3	21.7	21.0	22.6	17.0	21.6	31.2	13.5	12.5	20.7
far right	0.6	0.2	0.0	1.1	0.4	0.6	0.0	0.5	1.1	0.0	9.3
Agrees Strongly or Somewhat in 1989											
abolish death penalty	23.9	22.0	25.1	23.0	26.6	29.4	29.5	21.0	14.2	13.7	17.7
abortion should be legalized	66.8	71.0	73.1	66.2	61.6	67.2	55.5	57.2	60.1	59.5	63.9
busing OK to achieve balance	57.1	56.0	58.2	56.2	59.1	64.4	56.9	52.9	58.4	59.0	53.8
college increases earning power	61.2	61.2	48.0	69.1	54.4	53.4	64.3	49.7	75.0	75.6	70.5
govt not controlling pollution	89.9	90.8	93.9	87.8	90.8	90.9	92.6	89.4	88.1	90.6	70.3
govt not promoting disarmament	77.3	78.0	74.1	76.8	78.3	81.9	82.0	70.7	66.6	66.7	65.8
govt not protecting consumer	70.7	70.2	62.4	72.9	70.5	71.6	70.3	68.9	76.4	76.7	73.5
increase fed military spending	17.6	18.6	10.8	21.7	12.8	15.2	14.7	8.1	27.4	26.1	36.6
live together before marriage	42.9	49.4	38.4	43.5	36.9	45.5	36.5	24.8	50.4	50.8	47.9
marijuana should be legalized	11.1	13.1	15.6	8.9	10.8	12.0	12.2	8.2	10.7	9.8	17.3
married women best at home	18.9	17.3	13.4	22.6	17.3	19.0	17.7	14.5	16.6	14.5	33.2
only volunteers in Armed Forces	51.3	51.5	42.7	52.6	51.9	50.1	50.3	55.4	43.2	44.6	32.6
prohibit homosexual relations	31.7	26.1	18.5	37.1	34.2	29.0	33.3	42.2	36.1	34.5	47.4
raise taxes to reduce deficit	27.0	28.3	27.3	26.4	26.3	28.5	26.9	22.6	20.2	19.3	27.0
too much concern for criminals	66.5	66.6	62.1	66.3	68.1	65.5	67.9	71.8	68.9	68.5	71.8
in 1991											
abolish death penalty	24.3	22.0	32.4	20.8	29.2	30.1	33.8	24.9	20.6	20.0	25.2
abortion should be legal	73.0	80.2	76.3	70.0	68.6	75.7	64.7	60.6	59.0	58.3	64.5
busing OK to achieve balance	54.6	58.0	60.7	49.9	55.7	61.2	56.3	47.5	59.9	60.5	55.3
college increases earning power	47.0	42.9	38.9	52.5	46.1	46.1	47.4	45.2	56.8	55.3	69.0
govt not controlling pollution	87.2	87.4	85.8	87.1	87.5	85.6	87.0	90.7	87.1	88.4	76.5
govt not promoting disarmament	71.1	70.6	72.3	72.5	69.6	70.4	73.2	66.1	68.6	69.3	63.4
govt not protecting consumer	68.3	69.8	69.9	71.1	62.4	64.6	67.8	55.8	72.7	72.4	75.0
increase fed military spending	10.0	11.3	8.9	10.5	8.4	7.4	7.5	10.4	17.0	17.8	10.5
live together before marriage	49.2	53.5	47.1	49.2	45.3	53.4	46.8	32.6	51.8	51.6	53.3
marijuana should be legalized	21.7	25.8	32.0	16.8	21.0	24.9	19.3	16.4	23.9	24.4	19.6
married women best at home	12.8	13.5	6.0	12.5	14.7	18.4	10.5	11.7	17.3	15.7	29.8
nuclear disarmament attainable	57.9	56.0	57.4	55.5	63.5	67.9	62.0	57.9	51.9	49.9	67.3
only volunteers in Armed Forces	49.4	51.0	48.3	47.9	50.3	49.1	52.6	50.3	42.9	43.2	41.1
prohibit homosexual relations	22.1	16.7	15.6	26.4	23.7	18.3	19.3	34.3	23.5	22.6	30.9
raise taxes to reduce deficit	26.5	27.0	28.1	25.8	26.6	27.7	25.0	25.9	17.7	17.4	20.1
too much concern for criminals	64.0	65.2	56.8	66.3	61.8	57.7	61.6	67.7	72.3	73.3	64.4

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Students Reporting Much Stronger Abilities and Skills in 1991											
general knowledge	30.7	30.0	31.8	28.8	33.8	32.2	31.6	37.5	23.9	23.3	28.5
problem-solving skills	12.8	13.2	13.9	10.7	15.0	15.7	14.8	14.2	12.0	12.0	11.5
knowledge of particular field	41.3	40.0	44.0	37.3	47.5	46.2	43.2	51.9	31.3	31.5	29.7
critical thinking ability	18.8	19.0	25.8	13.9	23.0	24.5	20.5	22.2	24.6	24.5	25.0
foreign language ability	7.4	8.5	11.5	4.7	8.8	7.5	9.3	10.2	6.1	6.1	6.3
job-related skills	16.2	14.5	14.7	17.7	16.6	15.8	18.9	16.4	17.1	18.0	10.3
religious beliefs & convictions	9.6	8.3	8.2	8.3	13.1	9.4	8.5	21.2	7.6	5.9	19.7
preparation for grad/prof school	10.0	9.3	15.9	7.3	12.8	12.7	9.2	15.0	9.0	7.7	18.9
leadership abilities	12.2	11.8	12.3	11.7	13.2	11.9	11.9	15.7	13.6	11.7	27.7
ability to work independently	25.4	24.2	27.1	24.0	28.1	29.8	26.3	26.7	29.6	28.6	37.6
interpersonal skills	19.9	21.0	24.1	17.8	20.3	19.6	24.2	18.9	16.9	15.8	25.4
cultural awareness	25.3	28.3	31.0	18.9	29.0	31.3	23.5	28.9	19.3	18.2	27.4
tolerance of different beliefs	26.1	30.8	25.8	21.7	27.4	28.4	29.8	24.4	20.5	18.3	35.9
acceptance of dif races/cultures	24.5	25.5	25.4	21.7	27.1	27.8	26.7	26.3	23.7	20.9	44.1
confidence in academic abilities	14.4	16.2	10.3	13.4	15.1	15.3	15.1	14.9	15.7	14.7	22.5
writing skills	13.8	13.8	12.9	13.1	15.0	16.8	16.9	11.1	16.7	15.3	26.9
public speaking ability	10.6	12.5	6.4	9.9	11.0	10.6	15.4	8.9	12.7	11.4	22.7
competitiveness	10.3	11.3	8.0	8.8	11.9	14.1	12.8	8.2	14.3	13.7	19.0
ability to work cooperatively	10.4	12.5	6.4	7.6	12.9	15.0	13.6	9.5	14.3	12.7	26.4
mathematical ability	7.1	6.1	8.3	6.7	8.1	8.4	6.7	8.6	7.1	6.6	10.8
reading speed and comprehension	8.9	13.4	8.9	5.2	9.1	9.3	9.1	8.7	9.3	7.9	19.4
ability to influence others	11.7	11.4	10.7	10.6	13.8	15.0	9.9	14.4	13.7	11.8	27.0
Plans for Fall 1991											
attend college full-time	90.5	93.8	96.5	86.9	90.2	87.4	93.7	92.0	67.0	65.3	79.6
attend college part-time	2.7	1.8	1.0	4.7	1.5	1.8	0.8	1.5	12.4	13.7	3.1
attend graduate school	0.3	0.6	0.0	0.0	0.5	0.3	0.5	0.6	0.6	0.5	1.3
attend vocational program	0.8	0.9	0.3	1.2	0.3	0.6	0.0	0.0	0.7	0.7	0.4
work full-time	8.2	5.3	3.0	11.7	8.1	9.6	7.3	6.3	21.3	21.3	21.4
work part-time	52.9	54.6	53.4	50.3	54.6	54.2	56.6	54.1	43.5	43.8	40.8
serve in Armed Forces	0.1	0.0	0.0	0.1	0.4	0.5	0.6	0.0	0.0	0.0	0.0
travel	3.8	2.6	7.0	2.6	5.8	6.4	5.7	5.1	3.9	3.2	9.3
do volunteer work	16.8	18.9	28.0	11.7	18.4	17.8	16.1	20.6	7.9	7.0	14.6
stay at home	5.7	4.0	4.8	8.7	3.9	3.7	4.6	3.8	14.5	15.4	8.6

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HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1989) (6)											
None											
socializing with friends	0.3	0.3	0.0	0.3	0.3	0.7	0.0	0.0	0.6	0.5	1.5
exercising or sports	4.9	2.9	2.1	7.2	4.5	6.3	2.5	3.0	5.4	5.1	7.5
partying	14.1	11.0	11.1	14.8	17.3	15.6	14.2	21.7	17.2	17.6	14.3
working (for pay)	26.5	25.7	26.9	24.5	29.9	35.0	24.4	25.9	17.8	17.9	17.2
student clubs and groups	16.2	16.0	7.6	20.8	12.6	11.6	16.7	11.7	28.2	29.7	17.8
watching TV	6.4	6.1	6.1	6.6	6.6	7.0	8.4	4.9	5.0	5.2	4.1
hobbies	9.2	7.5	9.0	11.1	8.4	9.7	8.2	6.6	11.5	12.4	4.6
studying or doing homework	0.2	0.3	0.0	0.1	0.3	0.2	0.0	0.5	1.6	1.8	0.0
talking w/teacher outside class	4.1	4.7	3.0	4.3	3.5	3.1	3.4	4.3	5.0	4.8	6.6
Six or More											
socializing with friends	77.4	78.4	83.4	73.8	79.5	79.2	84.0	77.3	77.9	76.9	85.4
exercising or sports	38.7	42.6	41.1	32.5	42.6	44.1	42.3	40.6	31.8	31.0	38.2
partying	29.8	32.2	31.5	29.8	26.6	25.8	35.1	22.8	34.6	34.9	32.8
working (for pay)	62.7	60.5	58.0	68.1	58.8	56.7	62.0	60.0	64.2	64.3	63.5
student clubs and groups	23.1	23.6	37.7	20.0	22.4	21.7	21.0	24.3	14.9	14.3	19.4
watching TV	28.9	27.5	27.8	29.7	29.6	30.2	31.0	27.9	24.6	24.0	29.4
hobbies	22.5	27.0	23.7	19.9	20.9	20.3	21.7	21.3	17.2	15.7	28.2
studying or doing homework	53.6	53.5	63.8	45.1	62.1	62.3	60.9	62.7	38.9	39.4	34.9
talking w/teacher outside class	14.8	13.9	15.0	12.9	18.3	18.4	21.0	16.6	16.1	16.5	12.9
Sixteen or More											
socializing with friends	35.4	34.6	32.6	36.3	35.9	36.1	40.8	32.6	34.3	33.7	38.5
exercising or sports	11.9	12.7	9.0	10.8	13.3	16.3	11.2	10.1	9.0	7.8	17.9
partying	5.4	4.4	5.2	5.5	6.3	5.0	13.7	3.8	8.1	8.3	6.7
working (for pay)	36.0	32.6	28.1	42.8	32.7	31.7	35.2	32.8	37.0	36.4	41.7
student clubs and groups	6.3	7.7	9.6	5.5	5.2	5.6	5.5	4.5	2.6	2.6	2.9
watching TV	5.5	6.8	3.0	5.9	4.2	4.8	4.8	2.9	3.2	3.0	4.2
hobbies	5.1	7.3	3.4	4.8	3.7	4.2	4.5	2.6	3.5	3.0	7.7
studying or doing homework	11.2	12.9	20.7	5.3	14.4	15.9	12.0	13.7	6.1	6.4	4.1
talking w/teacher outside class	3.4	2.7	3.2	4.0	3.4	1.5	8.7	3.0	6.4	6.9	2.9

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1991) (6)											
None											
socializing with friends	0.1	0.1	0.0	0.1	0.1	0.0	0.3	0.0	0.2	0.3	0.0
exercising/sports	4.2	2.3	3.1	6.2	3.7	5.6	2.8	1.4	5.9	6.1	5.1
reading for pleasure	19.8	19.9	21.0	19.2	19.9	18.3	21.0	21.6	19.3	20.2	13.3
using a personal computer	17.8	20.6	11.8	19.2	14.8	17.4	10.3	13.5	25.9	25.9	26.1
partying	15.5	11.7	16.7	16.6	17.4	14.5	12.7	24.6	14.8	14.0	20.4
working (for pay)	28.5	32.6	30.6	28.3	23.6	24.1	20.6	24.7	24.4	25.2	18.8
clubs/groups	32.9	35.3	16.7	36.3	30.7	33.0	29.2	28.2	54.7	57.9	32.1
watching TV	7.6	8.0	14.0	3.6	10.7	13.1	6.4	9.9	4.1	3.2	10.8
commuting	51.9	53.2	57.0	47.4	55.1	53.6	49.1	60.8	29.7	28.0	42.6
religious services/meetings	36.7	42.8	41.6	36.3	29.4	37.7	27.4	18.7	42.7	45.6	21.9
hobbies	21.3	22.5	24.8	18.7	22.7	23.5	24.9	20.2	15.2	15.7	11.5
classes/labs	2.3	1.0	0.9	3.5	2.6	1.5	3.4	3.5	14.0	14.9	7.2
studying/homework	1.9	0.8	0.0	3.1	2.1	1.5	2.8	2.5	12.3	13.3	5.0
talking w/faculty outside class	14.7	19.0	10.9	17.0	8.3	8.1	10.5	7.3	29.4	31.6	13.3
Six or More											
socializing with friends	80.7	82.1	85.4	75.7	84.6	84.2	81.8	86.8	76.6	75.1	87.5
exercising/sports	28.7	31.1	29.1	24.4	32.0	31.5	30.9	33.3	25.3	24.6	30.0
reading for pleasure	10.2	9.7	6.7	11.6	10.0	9.6	10.5	10.4	10.7	10.0	15.9
using a personal computer	20.2	17.9	27.3	16.8	24.9	30.2	19.5	20.4	20.7	21.4	15.8
partying	29.6	31.5	33.6	26.6	30.5	31.8	39.8	23.1	35.4	36.5	27.9
working (for pay)	60.1	55.6	59.6	62.3	62.0	59.9	70.4	59.9	66.4	66.6	65.5
clubs/groups	17.8	19.0	27.3	16.9	15.0	15.3	11.4	16.6	10.4	8.9	20.9
watching TV	33.5	35.4	19.4	37.9	29.7	32.9	26.2	27.1	40.6	41.8	31.6
commuting	11.2	9.3	9.7	13.9	9.8	11.0	11.2	7.3	22.1	23.1	14.2
religious services/meetings	3.8	1.1	4.5	5.9	3.5	2.9	1.2	5.6	1.3	0.8	4.2
hobbies	8.0	7.1	8.5	9.6	6.7	6.7	6.3	7.1	11.5	11.9	8.7
classes/labs	90.8	93.4	97.2	87.1	91.2	92.1	88.5	91.5	71.0	69.0	85.3
studying/homework	77.8	83.9	90.1	68.3	81.0	78.5	82.6	83.6	60.1	59.5	64.4
talking w/faculty outside class	2.0	0.8	0.3	2.6	3.1	2.9	2.0	4.0	2.8	2.3	6.3
Sixteen or More											
socializing with friends	38.9	37.5	35.2	37.1	43.9	43.5	45.2	43.5	36.7	33.8	57.7
exercising/sports	5.9	4.0	6.2	7.5	5.5	5.7	7.5	4.1	4.6	4.4	6.5
reading for pleasure	1.6	1.4	1.1	2.2	1.1	1.4	1.0	0.7	3.8	4.0	2.2
using a personal computer	4.1	4.4	3.5	3.9	4.4	4.7	4.4	4.0	9.0	9.6	4.6
partying	5.5	6.3	4.3	4.9	6.0	5.7	8.7	4.9	6.3	6.1	7.7
working (for pay)	31.1	28.3	17.7	40.0	25.8	27.4	33.2	19.0	44.7	46.7	30.3
clubs/groups	4.1	5.5	3.2	4.1	3.0	2.5	3.2	3.6	2.1	2.2	1.3
watching TV	7.2	6.5	3.8	8.3	7.3	11.9	6.1	1.4	13.3	14.6	3.3
commuting	2.6	1.5	1.6	4.0	2.3	1.7	4.3	2.1	4.2	4.2	4.0
religious services/meetings	0.3	0.0	0.5	0.7	0.2	0.4	0.0	0.0	0.3	0.0	2.4
hobbies	1.3	1.5	1.0	1.5	0.8	1.1	0.5	0.5	2.2	2.2	2.4
classes/labs	46.0	48.0	54.9	41.2	48.0	41.6	47.7	57.5	39.7	39.7	39.8
studying/homework	29.6	33.4	40.3	23.4	30.8	30.4	30.4	31.5	19.1	19.4	17.1
talking w/faculty outside class	0.1	0.1	0.0	0.1	0.3	0.0	0.4	0.8	0.9	1.1	0.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Religious Preference in 1989											
Baptist	15.3	8.6	13.1	21.8	14.7	18.8	3.6	15.5	11.8	9.9	25.2
Buddhist	0.3	0.3	1.0	0.1	0.1	0.1	0.0	0.3	0.0	0.0	0.0
Congregational (UCC)	1.5	2.1	0.6	1.1	1.8	1.2	0.6	3.3	1.6	1.8	0.0
Eastern Orthodox	0.4	0.1	0.4	0.2	0.9	0.9	1.8	0.1	0.1	0.0	1.0
Episcopal	3.2	5.0	2.9	2.0	3.1	3.6	2.2	3.0	1.8	1.6	2.9
Islamic	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jewish	2.2	3.1	3.0	1.7	1.8	3.5	0.3	0.2	1.0	0.8	2.4
LDS (Mormon)	0.2	0.6	0.0	0.0	0.2	0.4	0.0	0.2	0.5	0.4	0.8
Lutheran	6.8	8.5	5.5	6.9	5.4	1.9	1.9	12.4	5.2	4.4	11.3
Methodist	10.4	11.3	7.6	12.0	8.2	6.4	4.8	13.0	10.6	10.7	9.6
Presbyterian	5.5	7.6	4.4	4.4	4.8	4.1	5.1	5.7	7.7	8.7	1.0
Quaker	0.2	0.0	0.0	0.3	0.4	0.5	0.0	0.4	1.7	1.9	0.0
Roman Catholic	33.1	31.5	35.9	32.1	35.3	34.8	69.9	15.1	44.7	47.1	27.3
Seventh Day Adventist	0.5	0.1	0.0	0.0	1.7	0.2	0.4	4.8	0.2	0.2	0.0
other Protestant	5.3	4.4	6.4	4.3	7.3	5.9	1.3	12.9	3.9	4.3	1.2
other religion	4.8	3.0	8.3	4.7	5.9	7.5	1.0	6.6	4.6	3.1	15.0
none	10.1	13.8	10.4	8.4	8.4	10.2	7.1	6.5	4.8	5.1	2.3
in 1991											
Baptist	15.2	8.7	10.5	22.1	14.2	17.9	3.4	15.3	10.8	8.9	25.4
Buddhist	0.3	0.7	0.8	0.0	0.2	0.3	0.0	0.3	0.0	0.0	0.0
UCC	1.7	1.5	0.5	1.9	1.9	1.2	0.6	3.6	1.6	1.8	0.0
Eastern Orthodox	0.4	0.2	1.2	0.2	0.8	0.9	1.8	0.1	0.1	0.0	1.1
Episcopal	3.3	5.2	2.7	1.7	3.6	3.9	2.2	3.9	2.3	2.2	3.0
Islamic	0.1	0.0	0.9	0.0	0.1	0.1	0.0	0.0	0.2	0.2	0.0
Jewish	2.0	2.7	2.8	1.6	1.6	3.2	0.3	0.2	0.9	0.8	2.4
Latter Day Saints (Mormon)	0.2	0.5	0.0	0.0	0.2	0.3	0.0	0.2	0.5	0.4	0.8
Lutheran	6.2	7.9	5.0	5.3	6.1	2.4	2.4	13.8	4.8	4.0	10.4
Methodist	10.2	10.0	7.8	12.5	8.0	6.8	4.9	11.6	10.8	11.0	9.3
Presbyterian	5.4	6.2	4.4	5.8	4.5	3.7	4.5	5.6	7.3	8.2	1.0
Quaker	0.1	0.0	0.0	0.0	0.5	0.6	0.0	0.6	0.0	0.0	0.0
Roman Catholic	31.3	31.6	33.8	29.1	33.2	32.1	67.5	14.1	44.3	46.5	28.3
Seventh Day Adventist	0.4	0.1	0.0	0.0	1.6	0.0	0.0	4.8	0.2	0.2	0.0
other Protestant	6.6	6.3	8.7	5.0	8.7	7.5	1.4	14.8	3.9	3.8	4.1
other religion	4.6	3.2	5.2	5.3	4.8	5.1	1.5	6.2	5.1	4.0	13.2
none	11.8	15.1	15.8	9.5	10.1	14.0	9.7	4.9	7.2	8.0	1.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Probable Career in 1989 (6,7)											
artist or performer	7.8	6.9	10.5	6.9	9.2	9.0	9.2	9.5	4.2	3.0	13.1
business	18.4	16.5	15.9	22.0	16.1	14.0	21.7	15.6	17.6	16.5	25.5
clergy	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.6
college teacher	0.4	0.6	1.1	0.2	0.5	0.3	0.7	0.6	0.9	1.0	0.0
doctor (MD or DDS)	5.8	7.3	11.5	2.5	7.0	9.5	4.9	4.8	2.0	1.8	3.7
education (secondary)	4.4	3.0	4.4	4.8	5.3	3.7	2.5	9.1	2.8	2.7	3.4
education (elementary)	9.0	5.1	5.7	12.4	9.1	7.5	10.8	10.3	7.6	8.2	3.2
engineer	3.3	3.4	4.3	4.1	1.8	3.3	0.3	0.8	3.1	3.3	1.1
farmer or forester	0.2	0.2	0.0	0.1	0.4	0.8	0.0	0.0	1.8	1.9	0.8
health professional	6.3	9.3	4.9	5.2	5.2	3.5	7.6	6.1	7.6	7.2	10.7
lawyer	5.8	8.3	7.5	3.7	5.4	6.3	5.0	4.4	4.6	5.1	1.0
nurse	3.0	2.1	0.3	4.6	2.4	3.0	1.8	1.8	5.6	6.1	2.7
research scientist	2.0	2.8	1.8	1.9	1.6	0.9	2.1	2.2	0.4	0.5	0.0
other	19.2	16.3	18.0	19.8	21.7	25.0	19.6	18.6	31.0	32.2	22.1
undecided	14.4	17.9	14.1	11.8	14.3	13.2	13.9	16.0	10.7	10.5	12.1
in 1991 (6,7)											
artist or performer	6.6	6.8	7.1	5.2	8.3	7.4	10.1	8.5	4.1	3.4	8.5
business	18.9	16.0	21.9	22.2	16.3	13.6	22.3	16.6	16.7	16.6	16.9
clergy	0.2	0.1	0.7	0.1	0.3	0.0	0.8	0.3	0.0	0.0	0.0
college teacher	0.8	0.4	2.8	0.3	1.4	1.5	1.4	1.3	0.8	0.8	0.7
doctor (MD or DDS)	3.7	4.2	9.1	2.3	3.4	3.9	3.1	3.0	1.3	0.9	4.2
education (secondary)	6.3	8.3	5.8	5.8	5.1	4.0	5.4	6.4	2.5	2.4	3.5
education (elementary)	12.5	13.1	5.2	14.8	10.8	9.0	9.8	14.0	10.4	7.9	28.1
engineer	2.1	2.5	2.6	2.3	1.2	2.0	0.0	0.9	1.3	1.5	0.0
farmer or forester	0.5	0.7	2.2	0.0	0.7	1.3	0.0	0.3	1.3	1.5	0.0
health professional	7.1	8.3	4.5	7.5	6.1	4.4	6.5	8.2	7.9	8.7	2.9
lawyer	5.4	6.6	9.7	3.7	5.3	5.6	7.7	3.6	2.2	2.5	0.0
nurse	4.5	6.0	0.7	4.7	3.9	4.0	3.2	4.2	6.8	6.9	6.3
research scientist	2.0	2.1	3.2	1.8	1.8	1.5	1.9	2.4	0.6	0.7	0.0
other	22.1	19.6	17.5	22.9	25.3	25.9	23.5	25.6	40.1	41.9	27.5
undecided	7.1	5.3	7.0	6.5	10.0	16.0	4.3	4.9	4.0	4.3	1.4
Permission to Use Student ID/SSN in 1989											
yes	80.7	79.0	74.3	83.2	80.9	79.2	78.2	85.0	77.5	78.6	68.8
no	19.3	21.0	25.7	16.8	19.1	20.8	21.8	15.0	22.5	21.4	31.2
in 1991											
yes	67.4	67.6	68.9	64.6	70.5	68.0	71.3	73.5	74.9	74.7	75.8
no	32.6	32.4	31.1	35.4	29.5	32.0	28.7	26.5	25.1	25.3	24.2

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
Probable Major in 1989 (6,7)											
agriculture	0.4	0.7	0.0	0.3	0.5	0.2	0.0	1.2	1.9	2.2	0.0
biological science	5.2	4.8	6.7	3.8	7.1	8.7	7.1	4.7	1.1	1.2	0.8
business	19.8	16.5	17.2	23.9	18.3	19.3	20.9	15.5	30.5	30.6	29.7
education	11.9	7.7	8.5	14.7	13.5	10.5	14.8	17.0	12.1	11.7	14.8
engineering	3.3	4.0	3.5	4.1	1.6	2.5	0.2	1.2	3.0	3.3	1.1
English	2.6	4.7	2.6	1.5	1.8	2.0	2.3	1.4	0.5	0.6	0.0
health professional	10.7	12.5	6.5	10.6	10.0	8.9	11.5	10.7	15.4	15.9	12.4
history or political science	4.6	4.6	13.6	2.9	4.1	4.7	3.8	3.4	1.3	1.2	2.1
humanities	2.3	1.9	1.3	2.4	3.0	3.4	2.9	2.6	4.2	2.4	16.9
fine arts	3.9	4.7	4.0	2.5	4.9	3.8	6.2	5.5	2.7	2.3	5.7
mathematics or statistics	0.7	0.7	1.1	0.4	0.9	1.0	1.1	0.7	0.2	0.2	0.0
physical sciences	1.2	2.1	1.9	0.4	0.9	1.1	0.3	0.9	0.4	0.4	0.0
social sciences	10.4	9.2	7.1	10.9	12.1	12.1	9.1	13.8	7.1	7.3	5.3
other technical	2.0	1.3	2.7	2.6	1.8	2.3	1.2	1.4	6.8	7.6	0.8
other non-technical	10.5	11.1	11.4	10.2	10.0	11.4	8.3	9.1	8.5	8.4	8.9
undecided	10.6	13.5	12.1	8.9	9.5	8.0	10.3	11.0	4.4	4.8	1.5
Reported in 1991 (6,7)											
agriculture	0.4	1.1	0.3	0.0	0.1	0.3	0.0	0.0	2.5	2.9	0.0
biological science	6.8	6.2	8.4	5.3	9.1	10.5	6.0	8.9	3.0	3.2	1.5
business	19.2	17.5	18.2	23.3	15.6	13.2	23.9	14.1	24.3	25.0	19.1
education	16.3	15.3	9.2	20.4	13.9	11.4	8.9	20.2	16.8	15.2	28.9
engineering	2.4	3.1	3.8	2.7	1.0	1.7	0.0	0.6	1.5	1.7	0.0
English	4.0	3.1	7.3	3.3	5.2	5.4	4.0	5.6	0.0	0.0	0.0
health professional	8.8	12.0	5.9	8.3	6.7	5.7	8.3	7.1	10.8	10.7	11.9
history or political science	5.0	5.3	14.8	2.4	5.5	6.7	5.5	3.8	2.6	2.4	3.6
humanities	3.6	4.2	4.0	2.4	4.5	5.3	3.5	4.0	2.0	2.0	2.5
fine arts	3.6	4.6	2.2	2.1	5.0	5.3	5.3	4.4	3.6	4.0	1.3
mathematics or statistics	1.0	0.7	1.9	0.9	1.2	1.4	1.1	1.0	0.4	0.3	1.1
physical sciences	1.3	0.8	3.1	0.8	2.1	2.6	0.7	2.1	0.7	0.8	0.0
social sciences	13.2	10.3	12.2	12.3	17.9	18.8	17.5	16.8	12.6	13.3	7.4
other technical	2.2	1.0	0.8	3.5	2.0	2.6	1.4	1.5	6.4	6.9	2.7
other non-technical	9.9	12.1	7.6	8.9	9.4	8.0	13.7	8.8	11.2	11.0	13.3
undecided	2.3	2.6	0.3	3.5	1.0	1.2	0.4	1.1	1.4	0.7	6.7
Probable Graduate Major (6,7)											
agriculture	0.4	0.9	0.0	0.0	0.4	0.7	0.0	0.2	2.8	3.3	*0.0*
biological science	4.6	5.2	3.4	4.5	4.6	4.5	5.8	4.1	1.5	1.5	*1.6*
business	14.6	9.8	13.9	18.6	15.4	10.8	17.1	20.3	17.8	18.4	*15.2*
education	14.5	13.4	12.7	18.6	11.3	11.3	9.6	12.3	17.0	11.9	*41.2*
engineering	1.7	2.4	3.2	1.1	1.3	1.8	0.0	1.4	2.2	2.7	*0.0*
English	2.0	0.7	2.4	2.1	3.2	3.6	2.0	3.3	0.6	0.7	*0.0*
health professional	12.2	11.6	10.9	13.8	11.5	10.8	10.4	13.0	17.1	18.8	*8.9*
history or political science	3.8	2.6	7.3	4.2	3.4	4.2	5.3	1.4	2.9	2.8	*3.1*
humanities	2.8	4.9	3.0	1.4	2.1	2.7	1.1	1.8	1.8	2.1	*0.0*
fine arts	3.2	4.7	1.3	2.5	3.1	3.6	3.6	2.1	2.8	3.2	*0.9*
mathematics or statistics	0.6	0.4	1.5	0.7	0.3	0.6	0.0	0.0	0.5	0.6	*0.0*
physical sciences	0.9	0.5	1.6	1.1	0.9	1.0	0.0	1.2	2.3	2.8	*0.0*
social sciences	13.3	13.6	10.0	12.6	15.0	13.9	22.1	12.7	11.6	11.1	*14.1*
other technical	3.6	3.0	4.9	2.1	5.4	7.9	0.9	4.7	4.4	4.9	*2.1*
other non-technical	17.1	21.0	17.5	13.0	17.7	16.0	20.5	18.5	11.4	11.7	*10.2*
undecided	4.6	5.3	6.4	3.6	4.5	6.9	1.6	3.1	3.3	3.4	*2.7*

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
DISAGGREGATED RESPONSES											
Probable Career in 1989											
accountant or actuary	6.7	5.5	3.8	10.0	4.1	3.8	6.5	2.9	8.0	8.3	6.2
actor or entertainer	1.2	1.1	1.2	1.0	1.6	1.8	0.5	1.8	1.6	0.8	7.6
architect or urban planner	0.9	1.9	0.9	0.6	0.2	0.4	0.2	0.0	1.9	2.1	0.0
artist	1.2	0.9	0.6	0.5	2.7	1.4	5.5	2.9	1.3	1.2	1.9
business (clerical)	0.9	0.0	0.4	1.2	1.7	3.3	0.0	0.6	4.2	4.3	3.3
business executive (management)	9.2	7.4	11.4	10.3	8.8	6.9	12.1	9.3	6.6	6.1	10.4
business owner or proprietor	1.5	2.6	0.8	0.3	2.3	2.4	2.7	2.0	1.9	1.4	5.4
business salesperson or buyer	1.0	1.0	0.0	1.3	1.0	0.9	0.4	1.4	1.0	0.7	3.6
clergy (minister,priest)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6
clergy (other religious)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
clinical psychologist	2.9	2.9	0.4	3.1	3.3	2.7	2.4	4.5	2.4	2.6	1.3
college teacher	0.4	0.6	1.1	0.2	0.5	0.3	0.7	0.6	0.9	1.0	0.0
computer programmer or analyst	1.3	0.1	0.5	2.4	1.1	1.8	0.8	0.5	5.5	6.3	0.0
conservationist or forester	0.2	0.2	0.0	0.1	0.3	0.7	0.0	0.0	0.7	0.8	0.0
dentist (including orthodontist)	0.5	0.6	0.5	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.7
dietitian or home economist	0.2	0.6	0.0	0.0	0.3	0.2	0.9	0.0	0.4	0.0	3.0
engineer	3.3	3.4	4.3	4.1	1.8	3.3	0.3	0.8	3.1	3.3	1.1
farmer or rancher	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.1	1.1	0.8
foreign service worker	1.7	1.9	6.3	1.0	1.0	1.3	1.6	0.4	0.5	0.4	1.4
homemaker (full-time)	0.1	0.1	0.0	0.0	0.1	0.3	0.0	0.0	8.1	9.2	0.0
interior decorator or designer	1.0	0.9	0.5	1.4	0.7	0.6	0.9	0.8	0.4	0.0	3.0
intepreter (translator)	0.2	0.0	0.8	0.2	0.3	0.3	0.3	0.4	0.0	0.0	0.0
lab technician or hygienist	0.2	0.1	0.5	0.1	0.2	0.0	0.0	0.5	0.8	0.6	2.2
law enforcement officer	0.2	0.2	0.0	0.2	0.1	0.0	0.4	0.1	0.3	0.3	0.0
lawyer (attorney) or judge	5.8	8.3	7.5	3.7	5.4	6.3	5.0	4.4	4.6	5.1	1.0
military service (career)	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
musician (performer,composer)	0.6	0.9	1.2	0.1	0.8	0.9	0.3	1.0	0.1	0.0	0.7
nurse	3.0	2.1	0.3	4.6	2.4	3.0	1.8	1.8	5.6	6.1	2.7
optometrist	0.2	0.6	0.0	0.0	0.2	0.0	0.0	0.5	0.4	0.3	1.0
pharmacist	1.4	3.5	0.9	0.4	0.7	0.5	0.9	0.9	1.0	0.8	1.9
physician	5.3	6.7	11.1	1.9	7.0	9.5	4.9	4.8	1.9	1.8	3.1
school counselor	0.3	0.3	0.4	0.3	0.5	0.1	1.3	0.5	0.2	0.0	1.5
school principal, superintendent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
scientific researcher	2.0	2.8	1.8	1.9	1.6	0.9	2.1	2.2	0.4	0.5	0.0
social,welfare,recreation worker	1.0	0.9	0.8	0.7	1.7	1.5	3.8	0.7	0.5	0.4	0.8
statistician	0.1	0.0	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0
therapist (phys,occup,speech)	3.7	3.3	2.6	4.4	3.4	2.4	4.8	4.1	4.3	4.6	2.1
teacher (elementary)	9.0	5.1	5.7	12.4	9.1	7.5	10.8	10.3	7.6	8.2	3.2
teacher (Secondary)	4.1	2.8	4.0	4.6	4.8	3.6	1.2	8.5	2.6	2.7	1.9
veterinarian	0.6	1.0	0.8	0.3	0.5	0.5	1.0	0.2	0.8	0.8	0.4
writer or journalist	3.8	3.1	7.0	4.0	3.4	4.3	2.0	3.0	0.9	1.1	0.0
skilled trades	0.3	0.0	0.6	0.4	0.2	0.0	0.0	0.5	0.5	0.6	0.0
other	9.7	8.3	6.8	9.9	11.8	13.2	10.2	10.9	7.1	5.9	15.3
undecided	14.4	17.9	14.1	11.8	14.3	13.2	13.9	16.0	10.7	10.5	12.1

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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
Probable Career in 1991											
accountant or actuary	6.4	4.8	5.9	9.6	3.8	2.9	5.6	4.1	5.0	4.9	6.1
actor or entertainer	1.3	1.5	0.5	1.2	1.5	1.7	0.5	1.7	0.8	0.8	0.8
architect or urban planner	0.6	1.2	0.5	0.3	0.2	0.4	0.0	0.0	1.0	1.1	0.0
artist	1.0	1.3	0.0	0.4	1.8	1.9	1.4	1.8	0.9	1.0	0.5
business (clerical)	0.5	0.3	0.0	0.7	0.6	1.0	0.4	0.0	3.0	3.2	1.6
business executive (management)	9.7	8.6	14.1	10.3	8.8	6.3	13.5	9.8	8.8	9.2	5.7
business owner or proprietor	1.0	0.9	0.0	1.2	1.1	1.8	0.8	0.2	2.0	2.1	1.2
business salesperson or buyer	1.7	1.7	1.9	1.1	2.6	2.6	2.4	2.5	0.9	0.5	3.9
clergy (minister,priest)	0.1	0.1	0.4	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
clergy (other religious)	0.1	0.0	0.3	0.0	0.2	0.0	0.8	0.1	0.0	0.0	0.0
clinical psychologist	3.8	2.2	2.4	4.7	4.6	2.8	5.1	6.9	3.7	3.6	4.6
college teacher	0.8	0.4	2.8	0.3	1.4	1.5	1.4	1.3	0.8	0.8	0.7
computer programmer or analyst	1.3	0.7	0.0	2.3	1.0	1.3	1.0	0.5	2.8	3.0	2.0
conservationist or forester	0.5	0.5	2.2	0.0	0.6	1.1	0.0	0.3	0.5	0.6	0.0
dentist (including orthodontist)	0.1	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.2	0.0	2.0
dietitian or home economist	0.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
engineer	2.1	2.5	2.6	2.3	1.2	2.0	0.0	0.9	1.3	1.5	0.0
farmer or rancher	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.8	0.9	0.0
foreign service worker	1.3	1.8	4.1	0.7	0.8	0.8	2.1	0.0	1.7	1.9	0.8
homemaker (full-time)	0.2	0.2	0.0	0.3	0.3	0.0	0.0	1.0	8.6	9.8	0.0
interior decorator or designer	0.3	0.0	0.0	0.5	0.6	0.0	1.4	1.1	0.8	0.0	6.6
intepreter (translator)	0.4	0.2	0.0	0.5	0.4	0.2	0.6	0.6	0.0	0.0	0.0
lab technician or hygienist	0.4	0.2	0.3	0.7	0.2	0.0	0.5	0.4	1.4	1.6	0.0
law enforcement officer	0.6	0.4	0.4	1.4	0.0	0.0	0.0	0.0	0.7	0.7	0.0
lawyer (attorney) or judge	5.4	6.6	9.7	3.7	5.3	5.6	7.7	3.6	2.2	2.5	0.0
military service (career)	0.1	0.0	0.3	0.1	0.2	0.2	0.4	0.0	0.0	0.0	0.0
musician (performer,composer)	0.7	0.5	0.7	0.9	0.7	0.8	0.3	0.7	0.1	0.0	0.7
nurse	4.5	6.0	0.7	4.7	3.9	4.0	3.2	4.2	6.8	6.9	6.3
optometrist	0.1	0.3	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.3	0.0
pharmacist	1.1	2.2	0.5	0.6	0.6	0.5	0.3	1.1	0.3	0.2	1.1
physician	3.6	4.1	8.7	2.2	3.4	3.9	3.1	3.0	1.1	0.9	2.2
school counselor	0.8	0.7	2.1	0.9	0.4	0.0	1.0	0.6	0.1	0.0	0.7
school principal, superintendent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
scientific researcher	2.0	2.1	3.2	1.8	1.8	1.5	1.9	2.4	0.6	0.7	0.0
social,welfare,recreation worker	2.5	2.8	1.2	1.6	3.7	2.7	5.0	4.3	2.2	2.3	2.1
statistician	0.2	0.0	0.0	0.3	0.2	0.4	0.0	0.0	0.4	0.4	0.0
therapist (phys,occup,speech)	4.7	3.3	3.4	6.2	4.5	3.3	4.7	6.0	4.9	5.4	1.4
teacher (elementary)	12.5	13.1	5.2	14.8	10.8	9.0	9.8	14.0	10.4	7.9	28.1
teacher (Secondary)	5.5	7.6	3.7	4.8	4.7	4.0	4.4	5.9	2.2	2.1	2.8
veterinarian	0.4	0.6	0.3	0.0	0.7	0.6	1.1	0.5	0.8	0.8	0.4
writer or journalist	3.3	3.5	5.9	2.3	3.7	2.9	6.5	3.2	1.4	1.6	0.0
skilled trades	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.5	0.0
other	10.7	9.8	8.7	9.8	13.4	16.0	8.9	12.3	15.5	15.4	16.4
undecided	7.1	5.3	7.0	6.5	10.0	16.0	4.3	4.9	4.0	4.3	1.4

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PROBABLE MAJOR IN 1989											
Arts and Humanities											
arts, fine and applied	2.1	1.2	1.7	1.6	3.7	2.9	5.4	3.9	1.4	1.2	3.1
English (language & literature)	2.6	4.7	2.6	1.5	1.8	2.0	2.3	1.4	0.5	0.6	0.0
history	0.7	0.4	2.5	0.4	0.9	0.9	0.9	0.9	0.0	0.0	0.0
journalism	1.8	2.2	2.3	1.7	1.5	1.5	1.5	1.4	0.6	0.7	0.0
language/literature (except Eng)	0.6	0.2	1.0	0.5	0.9	0.9	0.7	1.1	0.2	0.2	0.0
music	0.6	0.8	1.1	0.1	0.9	0.6	0.3	1.6	0.2	0.0	2.0
philosophy	0.1	0.2	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
speech	0.4	0.7	0.2	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.6
theater or drama	1.2	0.9	0.3	1.9	1.0	1.4	0.5	0.7	1.3	0.4	7.6
theology or religion	0.1	0.0	0.0	0.0	0.3	0.1	0.0	0.8	0.0	0.0	0.0
other arts and humanities	0.4	0.6	0.0	0.0	0.7	0.7	1.7	0.0	2.7	1.8	9.3
Biological Sciences											
biology (general)	3.1	2.7	4.1	1.5	5.4	6.7	5.8	3.4	0.6	0.6	0.0
biochemistry or biophysics	0.4	0.1	1.3	0.3	0.5	0.6	0.3	0.6	0.0	0.0	0.0
botany	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
marine (life) science	0.7	0.7	0.0	1.2	0.2	0.0	0.0	0.5	0.2	0.3	0.0
microbiology or bacteriology	0.3	0.4	0.4	0.2	0.1	0.1	0.0	0.1	0.3	0.3	0.0
zoology	0.3	0.5	0.0	0.4	0.1	0.0	0.6	0.0	0.0	0.0	0.0
other biological science	0.4	0.3	0.8	0.1	0.6	1.0	0.5	0.0	0.1	0.0	0.8
Business											
accounting	6.6	5.4	3.8	10.2	3.8	3.2	6.4	3.3	7.4	7.7	5.8
business admin (general)	4.5	2.2	5.1	5.9	4.7	3.4	7.4	5.1	5.8	5.9	5.0
finance	0.6	0.7	0.7	0.7	0.2	0.3	0.0	0.1	0.3	0.2	0.4
marketing	3.2	3.7	4.1	3.5	2.0	1.8	2.5	1.9	0.3	0.2	0.5
management	3.1	3.1	2.3	2.8	3.6	3.5	3.1	3.9	4.1	3.2	11.1
secretarial studies	0.9	0.0	0.0	0.6	2.4	5.2	0.0	0.0	10.1	10.8	4.3
other business	1.0	1.4	1.3	0.2	1.5	1.9	1.4	1.2	2.5	2.5	2.5
Education											
business education	0.2	0.0	0.0	0.3	0.4	0.4	1.1	0.0	0.0	0.0	0.0
elementary education	7.1	4.5	4.8	9.0	7.8	5.6	10.4	9.5	7.9	7.7	9.3
music or art education	0.3	0.5	0.0	0.2	0.5	0.1	0.8	0.9	0.2	0.2	0.0
physical education or recreation	0.8	0.2	0.0	1.4	1.0	0.8	0.0	1.9	0.4	0.0	3.1
secondary education	2.2	1.8	1.7	2.1	2.8	2.4	1.3	4.3	2.7	2.7	2.4
special education	0.7	0.2	1.8	0.8	0.7	1.0	1.1	0.1	0.4	0.5	0.0
other education	0.6	0.5	0.2	0.9	0.1	0.2	0.0	0.2	0.4	0.5	0.0
Engineering											
aeronautical/astronautical eng	0.2	0.3	1.1	0.0	0.3	0.5	0.0	0.2	0.1	0.0	0.5
civil engineering	0.3	0.5	0.0	0.4	0.1	0.2	0.0	0.0	0.2	0.3	0.0
chemical engineering	0.5	0.7	0.3	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0
electrical/electronic eng	1.0	1.2	0.6	1.5	0.4	0.7	0.0	0.1	0.7	0.7	0.6
industrial engineering	0.2	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanical engineering	0.4	0.2	0.0	0.7	0.3	0.7	0.0	0.0	0.5	0.5	0.0
other engineering	0.7	0.9	1.5	0.4	0.5	0.3	0.2	0.9	1.5	1.8	0.0

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MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0
chemistry	0.4	0.8	1.2	0.1	0.3	0.4	0.0	0.3	0.2	0.2	0.0
earth science	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
marine science	0.1	0.3	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
mathematics	0.7	0.6	1.1	0.4	0.9	1.0	1.1	0.7	0.2	0.2	0.0
physics	0.2	0.0	0.2	0.2	0.4	0.6	0.3	0.2	0.0	0.0	0.0
statistics	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other physical science	0.2	0.6	0.2	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0
Professional											
architecture or urban planning	0.8	2.0	0.9	0.4	0.3	0.4	0.5	0.0	1.0	1.1	0.0
home economics	0.5	0.9	0.0	0.4	0.3	0.5	0.4	0.0	0.3	0.3	0.0
health technology (med,dent,lab)	0.6	0.7	1.2	0.4	0.5	0.7	0.2	0.4	0.9	0.9	0.8
library or information science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	2.4	2.2	0.3	3.1	2.4	2.7	2.7	1.8	6.2	6.6	3.6
pharmacy	1.2	3.1	0.8	0.2	0.8	0.4	1.3	0.9	1.2	1.1	1.9
predental,premedical,prevet	3.6	4.2	3.8	2.7	4.0	4.1	3.1	4.5	3.0	2.7	4.7
therapy (phys,occup,speech)	3.4	3.1	1.6	4.6	2.8	1.7	4.4	3.5	5.1	5.5	2.1
other professional	1.0	1.6	1.0	0.2	1.4	0.9	1.8	1.9	2.5	2.6	2.4
Social Sciences											
anthropology	0.2	0.4	0.0	0.1	0.2	0.3	0.0	0.0	0.5	0.6	0.0
economics	0.4	0.3	2.3	0.0	0.4	0.6	0.0	0.3	0.0	0.0	0.0
ethnic studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.9	4.2	11.1	2.6	3.2	3.8	2.9	2.5	1.3	1.2	2.1
psychology	8.0	6.9	3.5	8.4	9.9	9.9	6.5	11.9	4.9	5.2	2.9
social work	0.8	0.6	0.0	1.1	0.8	0.4	2.4	0.6	0.4	0.4	0.8
sociology	0.6	0.5	1.0	0.7	0.7	0.9	0.3	0.6	0.2	0.0	1.6
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other social science	0.4	0.5	0.3	0.6	0.2	0.0	0.0	0.5	1.0	1.2	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.5	0.3	0.5	0.6	0.6	0.6	0.7	0.5	4.4	5.0	0.0
drafting or design	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
electronics	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other											
agriculture	0.3	0.6	0.0	0.3	0.2	0.2	0.0	0.3	1.4	1.6	0.0
communications	5.3	4.2	6.8	5.6	5.4	7.2	2.4	4.7	2.4	2.5	1.6
computer science	0.8	0.1	0.2	1.6	0.7	0.9	0.2	0.5	1.1	1.2	0.0
forestry	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.9	0.5	0.6	0.0
law enforcement	0.7	0.3	0.3	1.3	0.4	0.4	0.8	0.1	1.6	1.7	0.7
military science	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.2	1.8	0.9	0.9	1.0	1.0	1.3	1.0	1.1	0.6	4.2
undecided	10.6	13.5	12.1	8.9	9.5	8.0	10.3	11.0	4.4	4.8	1.5

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
MAJOR REPORTED IN 1991											
Arts and Humanities											
arts, fine and applied	2.0	1.9	1.0	0.8	4.0	4.1	5.3	3.0	1.4	1.4	0.7
English (language & literature)	4.0	3.1	7.3	3.3	5.2	5.4	4.0	5.6	0.0	0.0	0.0
history	1.6	1.9	4.9	0.7	1.4	2.1	1.4	0.4	0.6	0.5	1.2
journalism	2.0	3.1	3.8	0.7	1.9	0.7	4.8	1.9	0.0	0.0	0.0
language/literature (except Eng)	1.2	1.1	0.4	1.1	1.9	2.3	1.8	1.5	0.5	0.3	1.3
music	0.6	0.5	0.8	0.2	1.0	1.2	0.0	1.3	0.7	0.8	0.6
philosophy	0.1	0.0	0.0	0.1	0.3	0.6	0.2	0.0	0.0	0.0	0.0
speech	0.5	0.5	0.3	0.8	0.1	0.0	0.0	0.2	0.6	0.7	0.0
theater or drama	0.7	1.2	0.3	0.2	1.1	0.8	0.6	1.7	0.8	0.8	1.2
theology or religion	0.2	0.1	0.0	0.0	0.6	0.5	0.9	0.7	0.0	0.0	0.0
other arts and humanities	1.3	1.7	3.4	1.0	0.5	1.0	0.0	0.2	0.8	0.9	0.0
Biological Sciences											
biology (general)	4.8	3.8	6.2	3.5	7.3	9.3	4.7	6.2	0.6	0.5	1.5
biochemistry or biophysics	0.4	0.2	0.8	0.5	0.4	0.4	0.4	0.2	0.5	0.5	0.0
botany	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
marine (life) science	0.2	0.6	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0
microbiology or bacteriology	0.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0
zoology	0.3	0.5	0.0	0.0	0.5	0.0	0.7	1.0	0.0	0.0	0.0
other biological science	1.0	1.0	1.0	1.3	0.8	0.8	0.0	1.2	1.4	1.6	0.0
Business											
accounting	6.7	5.2	6.4	10.1	3.9	2.0	7.1	4.6	7.4	7.5	6.2
business admin (general)	2.9	2.3	3.0	2.9	3.5	3.5	4.4	3.0	7.3	7.0	10.2
finance	1.2	1.3	0.6	1.4	0.9	0.8	1.7	0.5	0.2	0.2	0.0
marketing	3.0	3.4	5.3	2.6	2.6	2.7	4.2	1.6	2.0	2.1	1.5
management	3.0	2.2	2.6	4.0	2.8	2.3	5.1	2.1	3.9	4.2	1.2
secretarial studies	0.3	0.0	0.0	0.4	0.4	0.9	0.0	0.0	1.6	1.8	0.0
other business	2.0	3.2	0.3	1.9	1.5	1.0	1.4	2.2	2.0	2.2	0.0
Education											
business education	0.2	0.0	0.4	0.3	0.4	0.4	0.0	0.6	0.8	0.9	0.0
elementary education	11.1	11.0	6.4	14.2	8.3	6.6	5.1	12.6	11.0	8.8	27.0
music or art education	0.6	0.7	0.5	0.4	0.7	0.0	1.1	1.5	0.3	0.3	0.0
physical education or recreation	1.3	0.4	0.4	2.2	1.3	1.1	0.4	2.2	0.1	0.0	1.2
secondary education	1.8	2.4	1.5	1.5	1.5	1.0	0.9	2.7	1.2	1.3	0.8
special education	1.1	0.6	0.0	1.4	1.4	2.2	1.4	0.5	1.2	1.4	0.0
other education	0.2	0.1	0.0	0.4	0.2	0.2	0.0	0.2	2.1	2.4	0.0
Engineering											
aeronautical/astronautical eng	0.2	0.4	0.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0
civil engineering	0.4	0.2	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
chemical engineering	0.3	0.3	0.3	0.4	0.2	0.2	0.0	0.2	0.3	0.3	0.0
electrical/electronic eng	0.4	0.5	0.4	0.4	0.2	0.3	0.0	0.2	0.7	0.8	0.0
industrial engineering	0.4	0.3	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mechanical engineering	0.4	0.5	0.3	0.2	0.3	0.7	0.0	0.0	0.0	0.0	0.0
other engineering	0.4	0.8	0.8	0.2	0.2	0.3	0.0	0.2	0.6	0.6	0.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
MAJOR REPORTED IN 1991											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
atmospheric science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
chemistry	0.8	0.4	1.6	0.4	1.4	1.7	0.7	1.5	0.0	0.0	0.0
earth science	0.1	0.2	0.3	0.0	0.2	0.0	0.0	0.6	0.3	0.4	0.0
marine science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
mathematics	0.9	0.5	1.9	0.8	1.1	1.2	1.1	1.0	0.4	0.3	1.1
physics	0.1	0.0	0.3	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
statistics	0.1	0.1	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0
other physical science	0.3	0.2	0.8	0.3	0.3	0.7	0.0	0.0	0.0	0.0	0.0
Professional											
architecture or urban planning	0.6	1.6	0.0	0.4	0.0	0.0	0.0	0.0	1.0	1.1	0.0
home economics	0.4	1.0	0.0	0.1	0.1	0.0	0.0	0.2	0.1	0.0	0.8
health technology (med,dent,lab)	0.5	0.6	0.0	0.5	0.4	0.0	0.3	1.0	3.6	4.0	0.0
law <graduate major only>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
library or information science	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nursing	3.9	5.4	0.9	3.2	4.0	3.9	4.3	4.0	7.1	6.7	10.3
pharmacy	1.1	2.5	0.6	0.7	0.1	0.0	0.0	0.3	0.2	0.0	1.6
predental,premedical,prevet	1.2	1.8	2.4	0.8	0.7	0.8	0.2	0.8	0.7	0.8	0.0
therapy (phys,occup,speech)	2.7	2.3	2.0	3.6	1.9	1.1	3.7	2.0	2.8	3.1	0.0
other professional	0.9	1.4	0.0	1.0	0.3	0.4	0.6	0.0	3.3	3.2	3.8
Social Sciences											
anthropology	0.3	0.5	0.4	0.3	0.2	0.3	0.0	0.0	0.9	1.0	0.0
economics	0.8	0.6	1.4	0.6	1.3	2.3	0.5	0.4	0.0	0.0	0.0
ethnic studies	0.3	0.0	0.0	0.8	0.2	0.0	0.0	0.7	0.0	0.0	0.0
geography	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
political science	3.5	3.4	9.9	1.8	4.0	4.5	4.0	3.3	2.0	2.0	2.4
psychology	7.6	5.2	4.3	8.4	10.0	10.5	8.8	10.0	6.5	6.9	3.1
social work	1.5	0.8	0.3	1.1	3.1	2.1	5.5	3.0	2.7	2.5	4.3
sociology	2.0	2.6	3.5	0.9	2.5	2.5	2.7	2.4	2.1	2.4	0.0
women's studies	0.1	0.1	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
other social science	0.4	0.4	2.2	0.0	0.4	0.8	0.0	0.2	0.4	0.5	0.0
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
data processing or computer prog	0.6	0.3	0.0	1.0	0.3	0.5	0.5	0.0	0.3	0.3	0.9
drafting or design	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0
electronics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.9
mechanics	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other technical	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Other											
agriculture	0.3	1.0	0.3	0.0	0.1	0.3	0.0	0.0	1.8	2.0	0.0
communications	4.6	3.5	2.8	5.5	5.2	4.8	5.6	5.6	4.3	4.1	5.8
computer science	1.0	0.0	0.3	2.0	1.2	1.8	0.6	0.6	1.4	1.6	0.0
forestry	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0
law enforcement	0.4	0.4	0.0	0.6	0.5	0.2	1.0	0.6	0.8	0.9	0.0
military science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
other field	1.5	2.5	1.1	0.9	1.4	1.9	1.7	0.5	2.8	2.8	2.9
undecided	2.3	2.6	0.3	3.5	1.0	1.2	0.4	1.1	1.4	0.7	6.7

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
PROBABLE GRADUATE MAJOR											
Arts and Humanities											
arts, fine and applied	1.0	1.1	0.5	0.6	1.6	1.3	2.6	1.4	0.5	0.4	*0.9*
English (language & literature)	2.0	0.7	2.4	2.1	3.2	3.6	2.0	3.3	0.6	0.7	*0.0*
history	0.6	0.3	0.3	0.7	1.0	1.3	2.2	0.0	1.0	1.0	*1.5*
journalism	1.0	1.7	0.9	0.6	0.9	0.3	1.5	1.5	0.0	0.0	*0.0*
language/literature (except Eng)	1.3	2.2	0.7	0.8	1.0	1.3	1.1	0.6	0.5	0.7	*0.0*
music	1.0	1.8	0.8	0.7	0.6	0.9	0.5	0.2	0.7	0.8	*0.0*
philosophy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
speech	0.3	0.3	0.0	0.4	0.3	0.0	0.5	0.5	0.5	0.6	*0.0*
theater or drama	0.7	1.7	0.6	0.0	0.5	0.8	0.0	0.4	1.2	1.5	*0.0*
theology or religion	0.4	0.2	0.7	0.2	0.5	0.5	0.0	0.8	0.0	0.0	*0.0*
other arts and humanities	0.5	0.8	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
Biological Sciences											
biology (general)	1.1	1.9	1.3	0.6	0.5	0.8	0.5	0.3	0.0	0.0	*0.0*
biochemistry or biophysics	0.2	0.3	0.0	0.0	0.4	0.6	0.6	0.0	0.0	0.0	*0.0*
botany	0.2	0.3	0.3	0.0	0.2	0.3	0.3	0.0	0.0	0.0	*0.0*
marine (life) science	1.1	1.0	0.4	1.8	0.6	0.0	0.0	1.8	0.3	0.0	*1.6*
microbiology or bacteriology	0.3	0.7	0.0	0.0	0.4	0.3	0.5	0.4	0.0	0.0	*0.0*
zoology	0.8	0.4	0.0	1.3	1.0	1.0	2.6	0.3	0.0	0.0	*0.0*
other biological science	0.9	0.5	1.4	0.7	1.4	1.5	1.2	1.4	1.2	1.5	*0.0*
Business											
accounting	2.4	1.3	2.4	3.8	2.1	1.7	1.1	3.0	6.7	6.3	*8.7*
business admin (general)	3.8	2.3	5.8	3.8	4.7	2.8	6.7	6.0	1.7	2.0	*0.0*
finance	1.0	0.5	2.3	1.4	0.8	0.7	0.0	1.2	1.9	2.3	*0.0*
marketing	2.5	0.8	0.6	3.3	3.8	2.8	3.7	5.2	0.8	0.0	*4.9*
management	3.1	2.5	1.8	3.6	3.5	2.1	5.6	4.0	2.9	3.5	*0.0*
secretarial studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
other business	1.8	2.3	0.9	2.7	0.6	0.6	0.0	0.8	3.1	3.5	*1.6*
Education											
business education	0.2	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.5	0.7	*0.0*
elementary education	9.0	8.3	4.9	14.3	4.9	5.4	4.1	4.8	11.4	5.7	*38.9*
music or art education	0.3	0.4	0.7	0.0	0.5	0.2	0.0	1.1	0.0	0.0	*0.0*
physical education or recreation	0.2	0.4	0.6	0.0	0.0	0.0	0.0	0.0	1.5	1.8	*0.0*
secondary education	2.2	2.2	4.6	1.9	1.9	3.0	0.5	1.3	0.0	0.0	*0.0*
special education	1.6	2.2	0.9	0.6	2.2	2.0	2.4	2.3	0.6	0.8	*0.0*
other education	1.0	0.0	0.5	1.4	1.8	0.8	2.6	2.8	2.9	3.0	*2.3*
Engineering											
aeronautical/astronautical eng	0.4	0.9	0.7	0.0	0.2	0.2	0.0	0.3	0.0	0.0	*0.0*
civil engineering	0.2	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
chemical engineering	0.2	0.2	0.0	0.3	0.1	0.0	0.0	0.3	0.0	0.0	*0.0*
electrical/electronic eng	0.1	0.0	0.0	0.2	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
industrial engineering	0.1	0.2	0.5	0.0	0.1	0.2	0.0	0.0	0.0	0.0	*0.0*
mechanical engineering	0.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	1.6	1.9	*0.0*
other engineering	0.6	0.5	0.6	0.6	0.8	1.1	0.0	0.7	0.6	0.7	*0.0*

1991 FOLLOW-UP OF 1989 FRESHMEN
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FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
PROBABLE GRADUATE MAJOR											
Physical Sciences											
astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
atmospheric science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	*0.0*
chemistry	0.4	0.0	1.2	0.4	0.6	0.7	0.0	0.7	0.0	0.0	*0.0*
earth science	0.3	0.5	0.0	0.3	0.2	0.0	0.0	0.5	1.7	2.0	*0.0*
marine science	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mathematics	0.6	0.4	1.5	0.7	0.3	0.6	0.0	0.0	0.5	0.6	*0.0*
physics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
statistics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other physical science	0.1	0.0	0.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	*0.0*
Professional											
architecture or urban planning	0.9	1.6	0.0	0.8	0.6	1.3	0.0	0.0	1.1	1.4	*0.0*
home economics	0.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
health technology (med,dent,lab)	2.7	2.0	4.4	1.4	4.4	6.8	0.9	3.1	1.8	1.7	*2.1*
law	10.0	13.5	13.2	5.7	10.3	10.3	14.0	8.2	6.2	7.5	*0.0*
library or information science	0.1	0.0	0.0	0.0	0.2	0.3	0.0	0.2	0.0	0.0	*0.0*
nursing	1.7	2.0	0.0	2.6	0.9	0.9	0.5	1.1	8.7	9.2	*6.2*
pharmacy	0.8	1.1	0.0	0.5	1.0	0.9	0.5	1.5	0.7	0.7	*1.0*
predental,premedical,prevet	3.1	4.0	6.7	0.8	3.6	3.5	3.8	3.6	2.7	3.3	*0.0*
therapy (phys,occup,speech)	6.7	4.5	4.2	9.9	6.0	5.5	5.7	6.8	4.9	5.6	*1.8*
other professional	1.6	2.0	1.9	2.3	0.3	0.3	0.6	0.0	1.0	0.6	*2.6*
Social Sciences											
anthropology	0.5	1.1	0.0	0.3	0.3	0.4	0.6	0.0	1.1	1.4	*0.0*
economics	0.4	0.7	0.0	0.0	0.6	1.1	0.9	0.0	0.0	0.0	*0.0*
ethnic studies	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0	*0.0*
geography	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
political science	3.2	2.3	7.0	3.5	2.4	2.8	3.1	1.4	1.8	1.9	*0.0*
psychology	8.5	8.1	5.3	8.8	9.8	8.1	13.6	10.1	8.5	8.1	*10.3*
social work	2.2	1.6	2.4	2.0	2.9	3.2	5.9	0.8	1.2	1.0	*2.5*
sociology	0.9	1.4	1.5	0.7	0.4	0.3	0.7	0.4	0.5	0.6	*0.0*
women's studies	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other social science	0.8	0.8	0.8	0.9	0.8	0.8	0.4	0.9	0.2	0.0	*1.3*
Technical											
building trades	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
data processing or computer prog	0.5	1.0	0.4	0.3	0.2	0.5	0.0	0.0	0.4	0.5	*0.0*
drafting or design	0.2	0.0	0.0	0.0	0.5	0.0	0.0	1.5	0.0	0.0	*0.0*
electronics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
mechanics	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other technical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
Other											
agriculture	0.3	0.9	0.0	0.0	0.3	0.4	0.0	0.2	0.6	0.7	*0.0*
communications	2.3	1.4	0.9	2.8	3.1	3.3	0.6	4.2	1.9	1.0	*5.8*
computer science	0.2	0.0	0.0	0.5	0.3	0.6	0.0	0.0	2.2	2.7	*0.0*
forestry	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	2.2	2.6	*0.0*
law enforcement	0.4	0.5	0.0	0.5	0.2	0.0	0.0	0.7	0.0	0.0	*0.0*
military science	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*
other field	1.4	0.7	0.6	1.2	2.7	1.5	3.7	3.8	2.4	2.5	*1.7*
undecided	4.6	5.3	6.4	3.6	4.5	6.9	1.6	3.1	3.3	3.4	*2.7*

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Socializing with Friends											
none	0.3	0.3	0.0	0.3	0.3	0.7	0.0	0.0	0.6	0.5	1.5
less than one	1.1	1.5	0.5	1.2	0.7	1.1	0.7	0.1	1.9	1.9	1.7
1 to 2	4.4	3.6	3.3	5.0	4.8	4.2	5.8	5.1	3.2	3.0	4.5
3 to 5	16.8	16.2	12.8	19.8	14.6	14.7	9.5	17.5	16.4	17.7	6.9
6 to 10	20.9	22.3	24.2	19.9	19.9	18.4	21.5	21.1	29.9	32.4	11.4
11 to 15	21.1	21.5	26.7	17.5	23.8	24.7	21.7	23.6	13.8	10.8	35.5
16 to 20	14.1	13.7	16.4	14.5	13.5	12.7	12.3	15.4	14.7	14.4	16.6
more than 20	21.3	21.0	16.2	21.8	22.4	23.4	28.5	17.2	19.6	19.2	21.9
Exercising or Sports											
none	4.9	2.9	2.1	7.2	4.5	6.3	2.5	3.0	5.4	5.1	7.5
less than one	11.9	11.8	14.0	12.2	10.8	11.6	8.8	10.7	7.7	7.8	6.9
1 to 2	20.9	21.9	20.7	21.3	19.2	15.7	22.4	22.3	18.8	19.3	15.1
3 to 5	23.7	20.7	22.1	26.8	23.0	22.3	24.1	23.4	36.3	36.8	32.4
6 to 10	16.3	18.6	21.0	11.9	18.4	17.9	17.9	19.3	13.0	13.1	12.8
11 to 15	10.6	11.3	11.2	9.7	11.0	9.9	13.2	11.3	9.8	10.1	7.5
16 to 20	5.5	4.4	4.4	5.2	7.3	10.5	4.5	4.3	5.9	5.0	12.6
more than 20	6.4	8.3	4.6	5.6	5.9	5.7	6.7	5.7	3.2	2.9	5.4
Partying											
none	14.1	11.0	11.1	14.8	17.3	15.6	14.2	21.7	17.2	17.6	14.3
less than one	13.3	14.9	9.8	12.4	14.0	11.2	9.9	20.6	9.9	10.7	4.5
1 to 2	18.0	16.3	19.2	18.3	19.0	22.2	13.0	18.1	19.5	19.0	23.3
3 to 5	24.8	25.6	28.4	24.7	23.0	25.2	27.9	16.8	18.7	17.9	25.0
6 to 10	17.7	20.8	17.9	17.5	14.6	14.4	16.6	13.6	21.1	21.6	17.5
11 to 15	6.7	7.0	8.4	6.8	5.7	6.3	4.8	5.4	5.3	4.9	8.6
16 to 20	2.9	2.5	2.3	3.1	3.3	2.5	5.7	2.9	3.3	3.4	3.0
more than 20	2.5	1.9	2.9	2.4	3.1	2.5	8.0	0.9	4.8	5.0	3.7
Working (for pay)											
none	26.5	25.7	26.9	24.5	29.9	35.0	24.4	25.9	17.8	17.9	17.2
less than one	1.3	1.5	2.1	0.1	2.5	1.7	1.8	4.0	2.8	2.5	5.2
1 to 2	3.3	2.6	4.2	3.5	3.4	2.1	5.1	4.4	3.6	3.5	4.8
3 to 5	6.3	9.8	8.8	3.8	5.4	4.5	6.7	5.8	11.5	11.8	9.4
6 to 10	11.9	11.6	15.3	11.9	11.4	8.7	11.3	15.3	14.2	14.8	10.2
11 to 15	14.7	16.4	14.6	13.4	14.7	16.2	15.5	11.9	12.9	13.1	11.6
16 to 20	17.3	16.9	17.0	19.0	15.4	12.7	18.6	17.3	16.1	15.5	20.8
more than 20	18.8	15.7	11.2	23.8	17.4	19.0	16.5	15.5	20.9	20.9	20.9
Student Clubs and Groups											
none	16.2	16.0	7.6	20.8	12.6	11.6	16.7	11.7	28.2	29.7	17.8
less than one	10.3	10.7	5.0	10.9	10.5	8.2	12.4	12.6	11.7	11.5	13.7
1 to 2	27.6	30.0	26.8	25.7	28.0	31.9	22.6	25.5	22.4	21.9	25.8
3 to 5	22.9	19.7	23.0	22.6	26.5	26.7	27.2	25.8	22.8	22.7	23.3
6 to 10	12.1	10.6	20.4	10.9	12.9	11.7	12.2	15.1	9.6	9.1	13.0
11 to 15	4.6	5.4	7.7	3.6	4.3	4.4	3.3	4.7	2.6	2.5	3.4
16 to 20	2.3	1.4	6.5	2.1	2.5	2.8	2.9	1.7	0.7	0.7	0.9
more than 20	4.0	6.3	3.1	3.4	2.7	2.7	2.6	2.8	1.9	1.9	2.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1989)											
Watching TV											
none	6.4	6.1	6.1	6.6	6.6	7.0	8.4	4.9	5.0	5.2	4.1
less than one	15.1	16.7	20.3	13.4	14.1	11.8	13.4	17.8	12.8	11.4	23.1
1 to 2	21.9	22.2	22.1	20.9	22.9	21.8	19.8	26.4	21.6	22.9	12.1
3 to 5	27.7	27.5	23.7	29.3	26.9	29.4	27.5	23.0	35.9	36.5	31.3
6 to 10	16.1	15.8	17.9	16.1	16.0	12.8	17.0	19.9	17.4	16.7	22.3
11 to 15	7.3	4.9	7.0	7.7	9.4	12.6	9.2	5.0	4.1	4.2	3.0
16 to 20	2.0	1.9	1.1	2.3	1.9	2.1	1.9	1.6	1.4	1.4	0.9
more than 20	3.5	4.8	1.9	3.7	2.3	2.7	2.9	1.3	1.8	1.6	3.3
Hobbies											
none	9.2	7.5	9.0	11.1	8.4	9.7	8.2	6.6	11.5	12.4	4.6
less than one	15.0	15.7	17.2	13.8	15.3	13.4	15.3	17.8	21.0	22.6	9.2
1 to 2	26.5	26.1	26.1	25.7	28.2	28.3	29.8	27.1	27.0	26.3	31.7
3 to 5	26.9	23.8	24.1	29.6	27.2	28.3	24.9	27.2	23.3	22.9	26.4
6 to 10	12.8	13.4	14.6	11.8	12.8	11.6	13.4	14.3	10.7	9.4	20.0
11 to 15	4.6	6.2	5.6	3.4	4.3	4.4	3.8	4.4	3.0	3.3	0.5
16 to 20	1.7	1.9	1.3	1.5	2.0	1.6	2.7	2.0	2.0	1.8	3.2
more than 20	3.4	5.5	2.1	3.2	1.8	2.6	1.7	0.5	1.5	1.1	4.4
Studying or Doing Homework											
none	0.2	0.3	0.0	0.1	0.3	0.2	0.0	0.5	1.6	1.8	0.0
less than one	4.7	6.9	4.1	4.6	2.6	2.6	4.7	1.4	3.8	2.5	12.9
1 to 2	12.9	10.4	8.9	17.3	10.6	10.8	9.1	11.3	19.7	19.7	19.4
3 to 5	28.6	28.9	23.1	32.8	24.3	24.0	25.4	24.2	36.2	36.6	32.8
6 to 10	29.1	27.1	24.0	29.2	32.3	33.2	31.8	31.2	21.4	21.5	20.6
11 to 15	13.4	13.4	19.2	10.6	15.4	13.2	17.0	17.8	11.4	11.5	10.2
16 to 20	7.0	8.7	9.6	3.2	9.5	8.3	9.6	11.3	4.2	4.6	1.6
more than 20	4.2	4.3	11.0	2.2	4.9	7.6	2.5	2.4	1.9	1.8	2.5
Talking w/Teacher Outside Class											
none	4.1	4.7	3.0	4.3	3.5	3.1	3.4	4.3	5.0	4.8	6.6
less than one	28.7	29.9	25.8	33.6	21.8	20.4	24.0	22.7	23.9	23.4	27.5
1 to 2	34.4	34.4	35.0	32.5	36.8	37.1	37.4	35.9	34.7	35.1	32.1
3 to 5	18.0	17.1	21.1	16.8	19.6	21.2	14.1	20.5	20.3	20.2	20.9
6 to 10	7.1	8.8	9.2	5.1	7.5	7.5	6.4	8.2	5.3	5.1	6.6
11 to 15	4.3	2.4	2.7	3.8	7.4	9.4	5.9	5.4	4.4	4.5	3.4
16 to 20	2.0	2.0	1.7	2.5	1.3	0.3	2.3	2.2	4.0	4.3	1.8
more than 20	1.5	0.7	1.5	1.6	2.1	1.2	6.5	0.8	2.4	2.6	1.1

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Nons	Cath	Prot	2-year Institutions All	Pub	Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Socializing with Friends											
none	0.1	0.1	0.0	0.1	0.1	0.0	0.3	0.0	0.2	0.3	0.0
less than one	0.6	0.6	0.8	0.6	0.7	0.5	1.4	0.6	1.9	1.9	1.8
1 to 2	4.7	3.2	0.9	6.7	4.8	5.1	3.5	5.1	6.5	6.9	4.0
3 to 5	13.9	14.1	12.9	16.9	9.8	10.1	13.0	7.4	14.8	15.9	6.7
6 to 10	23.3	27.5	26.3	21.1	21.2	21.5	19.2	21.9	25.6	26.0	22.8
11 to 15	18.5	17.1	23.9	17.6	19.6	19.2	17.4	21.4	14.3	15.3	7.0
16 to 20	14.1	12.1	12.8	13.8	16.9	19.5	11.7	16.2	12.6	11.9	17.6
more than 20	24.8	25.4	22.4	23.3	27.0	24.1	33.5	27.4	24.1	21.9	40.2
Exercising or Sports											
none	4.2	2.3	3.1	6.2	3.7	5.6	2.8	1.4	5.9	6.1	5.1
less than one	12.9	12.2	10.5	15.1	11.4	12.7	7.3	11.9	18.0	19.0	11.0
1 to 2	24.0	21.2	26.2	26.4	23.1	23.1	27.6	20.4	25.9	26.1	24.4
3 to 5	30.2	33.2	31.1	27.8	29.9	27.1	31.3	33.1	24.9	24.2	29.5
6 to 10	16.9	19.3	18.8	14.1	17.7	15.5	16.4	21.5	12.7	11.8	19.0
11 to 15	5.9	7.8	4.2	2.8	8.8	10.3	7.0	7.6	7.9	8.4	4.5
16 to 20	3.2	2.2	2.6	4.3	2.9	3.1	4.5	1.7	1.9	1.6	4.3
more than 20	2.7	1.8	3.5	3.2	2.6	2.6	3.1	2.5	2.7	2.8	2.2
Reading for Pleasure											
none	19.8	19.9	21.0	19.2	19.9	18.3	21.0	21.6	19.3	20.2	13.3
less than one	30.5	30.5	35.3	30.4	29.3	27.5	32.7	30.0	22.3	21.4	28.7
1 to 2	25.2	25.3	22.5	27.0	23.3	24.8	20.8	22.7	35.2	35.7	31.9
3 to 5	14.3	14.6	14.5	11.8	17.4	19.9	14.9	15.2	12.4	12.7	10.1
6 to 10	6.7	5.1	4.6	7.9	7.4	7.5	8.3	6.9	5.1	4.4	10.3
11 to 15	1.9	3.2	1.0	1.4	1.5	0.7	1.2	2.8	1.9	1.7	3.4
16 to 20	0.7	0.6	0.4	0.9	0.5	0.3	0.7	0.7	1.7	1.9	0.8
more than 20	1.0	0.8	0.7	1.4	0.6	1.2	0.3	0.0	2.0	2.1	1.4
Using a Personal Computer											
none	17.8	20.6	11.8	19.2	14.8	17.4	10.3	13.5	25.9	25.9	26.1
less than one	20.1	23.4	13.3	20.5	18.2	15.1	23.7	19.5	18.0	18.5	14.0
1 to 2	21.5	20.0	20.9	24.3	19.4	16.8	21.2	22.1	20.1	19.3	26.5
3 to 5	20.4	18.1	26.6	19.2	22.7	20.5	25.2	24.4	15.2	14.9	17.6
6 to 10	10.5	7.6	14.9	9.0	14.1	15.2	10.6	14.7	8.0	8.1	7.5
11 to 15	5.6	5.9	9.0	3.9	6.4	10.4	4.5	1.8	3.7	3.7	3.7
16 to 20	1.9	2.3	1.6	1.7	1.6	1.3	0.9	2.5	1.3	1.4	1.3
more than 20	2.3	2.0	1.9	2.2	2.8	3.4	3.5	1.4	7.6	8.2	3.3
Partying											
none	15.5	11.7	16.7	16.6	17.4	14.5	12.7	24.6	14.8	14.0	20.4
less than one	12.4	12.5	7.0	14.3	11.3	8.9	9.3	16.1	12.1	12.4	9.7
1 to 2	14.6	14.9	15.4	13.8	15.1	15.7	14.8	14.2	14.9	15.6	9.6
3 to 5	27.9	29.3	27.4	28.6	25.7	29.1	23.4	22.0	22.8	21.5	32.3
6 to 10	17.4	17.6	21.3	15.6	18.2	20.1	23.8	12.3	25.0	27.6	5.8
11 to 15	6.7	7.6	8.0	6.1	6.3	6.1	7.3	6.0	4.1	2.7	14.4
16 to 20	3.0	3.9	3.9	2.4	2.7	3.4	2.3	1.9	4.6	4.8	3.7
more than 20	2.5	2.3	0.4	2.5	3.3	2.2	6.5	2.9	1.7	1.4	3.9

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Working (for pay)											
none	28.5	32.6	30.6	28.3	23.6	24.1	20.6	24.7	24.4	25.2	18.8
less than one	2.5	4.8	1.6	1.7	1.4	1.9	1.1	0.7	0.9	0.6	2.4
1 to 2	2.7	1.4	1.5	2.8	4.1	5.0	0.7	4.9	3.0	3.2	1.4
3 to 5	6.3	5.6	6.7	4.8	8.9	9.1	7.2	9.7	5.2	4.3	11.9
6 to 10	14.6	13.2	17.9	10.9	20.0	18.2	21.2	21.9	11.4	10.0	21.5
11 to 15	14.5	14.1	24.0	11.4	16.2	14.3	15.9	19.1	10.3	9.9	13.7
16 to 20	10.5	12.1	7.4	11.8	7.8	7.4	11.4	6.4	15.3	15.7	12.6
more than 20	20.6	16.2	10.3	28.3	17.9	20.0	21.9	12.6	29.4	31.0	17.7
Clubs or Groups											
none	32.9	35.3	16.7	36.3	30.7	33.0	29.2	28.2	54.7	57.9	32.1
less than one	11.6	11.3	8.2	11.0	13.6	9.0	21.2	15.7	13.4	14.2	8.0
1 to 2	19.3	13.6	23.1	19.7	23.5	26.6	20.5	20.8	12.9	13.3	10.6
3 to 5	18.4	20.8	24.7	16.0	17.2	16.0	17.8	18.6	8.5	5.8	28.4
6 to 10	10.0	9.2	17.5	9.7	9.1	9.2	6.1	10.8	6.5	5.6	13.1
11 to 15	3.6	4.2	6.6	3.1	2.8	3.6	2.0	2.2	1.8	1.1	6.4
16 to 20	2.3	3.3	1.7	2.1	1.8	1.3	1.1	3.0	0.5	0.4	0.9
more than 20	1.8	2.2	1.5	2.0	1.1	1.1	2.0	0.6	1.6	1.8	0.4
Watching TV											
none	7.6	8.0	14.0	3.6	10.7	13.1	6.4	9.9	4.1	3.2	10.8
less than one	12.6	12.2	14.5	9.1	17.2	15.2	18.7	19.1	11.4	11.1	13.3
1 to 2	20.1	19.0	24.0	20.1	20.3	21.4	20.5	18.6	16.8	16.4	19.9
3 to 5	26.2	25.3	28.1	29.4	22.1	17.4	28.2	25.4	27.1	27.5	24.4
6 to 10	18.8	21.8	11.3	21.6	14.0	12.6	11.6	17.5	18.7	19.2	15.1
11 to 15	7.5	7.2	4.3	7.9	8.4	8.4	8.5	8.2	8.6	8.0	13.1
16 to 20	4.1	4.3	1.0	3.9	5.1	8.5	3.5	1.2	9.6	10.7	1.6
more than 20	3.1	2.2	2.8	4.4	2.2	3.4	2.5	0.2	3.6	3.9	1.7
Commuting											
none	51.9	53.2	57.0	47.4	55.1	53.6	49.1	60.8	29.7	28.0	42.6
less than one	11.8	13.3	12.5	10.4	12.1	13.7	12.0	9.8	13.5	13.6	12.6
1 to 2	13.1	13.4	12.1	13.7	12.4	12.1	14.6	11.6	14.9	14.6	16.7
3 to 5	11.9	10.8	8.7	14.6	10.6	9.6	13.2	10.4	19.9	20.7	13.9
6 to 10	6.8	5.9	7.7	8.0	5.8	7.3	4.5	4.5	14.1	14.8	9.0
11 to 15	1.7	2.0	0.4	1.8	1.7	2.1	2.3	0.7	3.8	4.1	1.1
16 to 20	1.1	0.6	0.3	1.9	0.7	0.6	1.0	0.9	1.8	1.6	2.9
more than 20	1.5	0.9	1.3	2.0	1.6	1.1	3.4	1.2	2.4	2.6	1.1
Religious Services or Meetings											
none	36.7	42.8	41.6	36.3	29.4	37.7	27.4	18.7	42.7	45.6	21.9
less than one	21.4	21.9	16.4	21.2	22.7	21.7	25.5	22.4	15.4	15.0	18.5
1 to 2	29.6	28.4	29.3	27.8	33.4	28.3	40.8	36.5	31.0	30.8	32.7
3 to 5	8.5	5.9	8.2	8.8	11.0	9.4	5.1	16.8	9.6	7.8	22.8
6 to 10	2.6	0.5	3.1	3.9	2.7	2.0	1.2	4.7	0.5	0.4	1.1
11 to 15	0.9	0.5	0.8	1.3	0.6	0.6	0.0	0.9	0.5	0.4	0.7
16 to 20	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
more than 20	0.3	0.0	0.0	0.7	0.2	0.4	0.0	0.0	0.3	0.0	2.4

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
HOURS PER WEEK IN THE LAST YEAR SPENT ON (Reported in 1991)											
Hobbies											
none	21.3	22.5	24.8	18.7	22.7	23.5	24.9	20.2	15.2	15.7	11.5
less than one	24.8	24.0	28.2	25.3	24.0	21.3	25.2	27.0	18.5	18.7	16.9
1 to 2	29.5	31.4	23.6	29.4	29.5	30.5	31.9	26.6	30.1	28.8	40.4
3 to 5	16.3	15.0	14.8	17.0	17.1	18.0	11.7	19.0	24.7	25.0	22.5
6 to 10	5.4	3.8	6.4	7.1	4.4	3.3	4.8	5.8	6.3	6.4	5.9
11 to 15	1.4	1.8	1.2	0.9	1.5	2.3	1.1	0.8	2.9	3.2	0.4
16 to 20	0.7	0.6	0.5	1.0	0.5	0.5	0.5	0.5	0.4	0.3	0.8
more than 20	0.6	0.9	0.5	0.5	0.3	0.5	0.0	0.0	1.9	1.9	1.5
Classes or Labs											
none	2.3	1.0	0.9	3.5	2.6	1.5	3.4	3.5	14.0	14.9	7.2
less than one	0.3	0.2	0.3	0.4	0.2	0.4	0.0	0.0	1.1	1.3	0.0
1 to 2	1.6	0.8	1.2	2.5	1.2	1.3	2.0	0.7	2.9	3.1	1.5
3 to 5	5.0	4.6	0.4	6.6	4.8	4.6	6.2	4.4	11.0	11.7	6.1
6 to 10	10.2	8.4	7.9	11.0	11.6	15.8	8.6	7.3	10.3	10.1	12.1
11 to 15	34.6	37.1	34.4	35.0	31.6	34.7	32.3	26.7	21.0	19.3	33.5
16 to 20	32.4	32.4	42.6	29.8	32.8	26.4	32.5	42.2	23.1	23.0	24.4
more than 20	13.7	15.6	12.3	11.4	15.2	15.2	15.2	15.3	16.5	16.7	15.3
Studying or Doing Homework											
none	1.9	0.8	0.0	3.1	2.1	1.5	2.8	2.5	12.3	13.3	5.0
less than one	0.4	0.0	0.0	0.9	0.1	0.2	0.3	0.0	0.5	0.6	0.0
1 to 2	3.9	1.5	0.8	6.2	4.1	5.4	3.3	2.8	6.0	6.2	4.5
3 to 5	15.9	13.7	9.1	21.5	12.7	14.5	11.0	11.1	21.1	20.5	26.1
6 to 10	26.0	28.4	26.2	24.0	26.2	27.0	26.5	24.7	24.6	23.2	35.0
11 to 15	22.3	22.1	23.6	20.8	24.0	21.0	25.8	27.4	16.4	16.9	12.3
16 to 20	14.8	15.0	17.9	13.9	14.8	14.0	13.2	17.0	12.5	12.7	11.5
more than 20	14.8	18.4	22.4	9.6	16.0	16.5	17.2	14.5	6.6	6.8	5.6
Talking w/Faculty Outside Class											
none	14.7	19.0	10.9	17.0	8.3	8.1	10.5	7.3	29.4	31.6	13.3
less than one	51.1	54.2	49.3	51.5	47.9	48.0	47.3	48.0	38.5	39.5	31.1
1 to 2	24.7	20.8	34.1	22.0	29.7	28.7	33.4	29.0	21.3	20.3	28.3
3 to 5	7.4	5.3	5.4	6.9	11.0	12.3	6.9	11.7	8.0	6.2	21.0
6 to 10	1.7	0.6	0.3	2.3	2.3	2.1	1.4	3.1	1.9	1.3	6.3
11 to 15	0.3	0.1	0.0	0.3	0.4	0.8	0.2	0.1	0.0	0.0	0.0
16 to 20	0.1	0.1	0.0	0.1	0.3	0.0	0.4	0.8	0.3	0.3	0.0
more than 20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0

1991 FOLLOW-UP OF 1989 FRESHMEN
ADJUSTED NATIONAL NORMS

FEMALE STUDENTS	All 4yr Insts	Universities Pub	Universities Priv	Pub 4-yr	Private 4-year Institutions All	Private 4-year Institutions Nons	Private 4-year Institutions Cath	Private 4-year Institutions Prot	2-year Institutions All	2-year Institutions Pub	2-year Institutions Priv
NUMBER OF FACULTY THAT PROVIDED											
Advice/Guidance About Educ Pgm											
none	6.5	8.2	7.9	6.3	4.6	4.4	4.1	5.3	11.5	12.4	4.9
one	20.6	26.7	18.3	20.8	14.8	19.6	8.0	11.8	23.1	24.3	14.2
more than one	72.9	65.1	73.9	72.9	80.6	76.0	87.9	82.9	65.4	63.3	80.8
Emotional Support/Encouragement											
none	22.9	29.9	25.4	24.7	12.6	13.2	9.5	13.5	18.2	19.9	5.5
one	26.9	30.2	22.2	28.7	22.5	23.5	23.2	20.6	27.5	28.8	18.3
more than one	50.2	40.0	52.5	46.6	64.9	63.3	67.3	65.9	54.3	51.3	76.2
Sponsorship for Special Programs											
none	52.6	62.1	55.2	53.3	40.9	43.9	40.9	36.5	49.7	49.9	47.8
one	19.8	19.6	13.2	22.7	17.8	15.7	21.3	18.9	24.2	25.2	16.3
more than one	27.6	18.3	31.6	24.0	41.3	40.4	37.8	44.6	26.1	24.9	36.0
Letter of Recommendation for Job											
none	42.1	55.0	38.1	42.2	29.8	30.8	32.4	26.8	43.7	47.3	17.5
one	16.4	16.4	16.3	17.5	14.7	15.0	14.2	14.7	18.9	20.0	10.5
more than one	41.5	28.6	45.7	40.3	55.5	54.2	53.4	58.5	37.4	32.7	72.0
Help Cutting Through "Red Tape"											
none	45.3	51.3	49.4	45.2	38.0	41.2	37.0	33.8	45.7	47.1	35.5
one	25.6	28.6	24.1	24.0	25.0	22.0	27.7	27.9	28.2	29.2	20.4
more than one	29.1	20.1	26.5	30.7	37.0	36.8	35.3	38.4	26.1	23.7	44.1
Tutorial Assist in Study Skills											
none	26.6	35.8	32.8	21.3	22.4	21.6	19.5	25.1	17.1	17.3	15.3
one	23.8	24.5	20.6	25.6	21.8	22.9	21.2	20.6	28.0	29.2	18.6
more than one	49.5	39.7	46.6	53.1	55.8	55.5	59.3	54.3	54.9	53.4	66.2
Honest Feedback About Skills											
none	14.7	18.8	16.7	13.5	11.4	13.8	6.3	11.1	11.1	11.4	8.8
one	24.4	29.1	21.0	25.7	18.6	18.6	19.1	18.2	29.4	30.6	20.4
more than one	61.0	52.2	62.3	60.7	70.0	67.6	74.7	70.7	59.5	58.0	70.8
Intellect Challenge/Stimulation											
none	10.8	13.2	8.4	11.5	8.1	12.0	5.6	4.1	20.2	21.3	12.1
one	16.8	17.8	13.7	19.8	12.7	12.4	16.8	10.6	24.5	25.3	18.6
more than one	72.3	69.0	77.9	68.6	79.2	75.7	77.6	85.3	55.2	53.4	69.3
Role Model											
none	30.7	34.8	27.4	31.4	26.4	30.9	23.8	21.4	38.0	40.2	21.8
one	25.3	30.8	25.6	25.4	19.4	19.9	22.0	17.0	22.6	23.4	17.1
more than one	44.0	34.4	47.0	43.2	54.2	49.1	54.2	61.6	39.3	36.4	61.0

Appendix A

Weighting Methodology

Appendix A
Weighting Methodology

ADJUSTING THE 1991 FOLLOW-UP RESULTS

Why Adjustment is Necessary

The 1991 Follow-up of 1987 and 1989 freshmen shares a problem in common with many mail-out surveys -- low response rate. In the National Norms sample, 5,615 out of 27,111 1987 freshmen (or 20.7%), and 5,567 out of 25,205 1989 freshmen (22.1%) returned their surveys (see Table A1). Response rates varied significantly according to sex, race and type of school, with women responding more than men; Whites, Chicanos and Asians responding more than blacks and other races; and students attending private schools responding more than those at public schools (see Tables A2-A4).

It is a well-known fact that people who do not respond to a survey are "different" from people who do. The way in which the difference manifests itself in any given survey depends on what the survey measures. In the case of the 1991 Follow-up, two very important differences between respondents and non-respondents are academic achievement and retention (see Table A5). Some of the more striking examples include:

> *High School Grades* -- respondents are almost twice as likely to have a high school GPA of A- or better, and less than one-half as likely to have a GPA of C+ or less.
>
> *SAT Scores* -- respondents have higher overall SAT scores than non-respondents.
>
> *Retention* -- respondents were far more likely to have completed 4 years at their 1987 college (2 years for the 1989 cohort) and/or be currently enrolled. Non-respondents were more than twice as likely to have dropped out before completing their first year.

While some of these differences are clearly related to the demographic differences already mentioned, it is reasonable to assume that "success" in college may also be an influence on whether or not a student responds.

It stands to reason that such biases will yield results more optimistic than one might expect on such important issues as retention, academic performance and satisfaction. In order to provide a more reasonable estimate of the actual situation regarding these issues, we must

find a method for estimating, in effect, how those students who did not respond would have answered the Follow-up questions had they responded.

Computing the Adjustments for the National Norms Sample

Following the method developed by Astin and Molm (1972), we decided to describe the respondent and non-respondent samples more rigorously by using the statistical technique of multiple stepwise regression to identify freshman characteristics which predict whether or not a student would respond to the Follow-up Survey. In addition, regression helped in measuring the relative importance of interrelated factors (such as high school grades and SAT) in predicting response.

The variables used to predict response came from two sources -- the 1987 (or 1989) Freshman Survey responses available for every student to whom a Follow-up Survey was mailed, and a set of retention information obtained from the Registrar's Offices where the students were enrolled in their freshman year (response rates for Registrar's data are shown in Tables A2-A4).

Each cohort was divided into four groups on the basis of sex and the presence or absence of Registrar's data. A regression was then run on each group, using virtually every variable (over 300) in the Freshman and Registrar's data. Each regression produced a set of some 15-35 variables which had a significant predictive power, and an equation which indicated the relative contribution of each variable to the prediction (see Tables A6,A7).

By applying the appropriate regression equation to a single student's responses, it was possible to compute the probability that the student would respond to the survey (whether or not he or she actually responded). If the equations are reliable, students with a low probability of response should have, as a group, a smaller response rate than those with a high computed probability of response. Table A8 shows that the probabilities computed for the 1991 Follow-up did discriminate well between respondents and non-respondents.

At this point, non-respondents were dropped, and a weighting factor was produced for each responding student, consisting of the reciprocal of the student's computed probability of response. Thus, a responding student with a low computed probability was given a large weight, while a responding student with a high probability of response was given a small weight. Responding students with low probability therefore stand "proxy" for other low-probability students who did not respond. In effect, this procedure gives the greatest weight to the responses of those students who most resemble the non-respondents. An arbitrary ceiling of 99.99 was set for this weight, to prevent giving undue weight to any single case. Less than 0.1% of the students' assigned weights would have been higher than the ceiling.

Using these weights yielded counts that approximate the entire sample to whom Follow-up surveys were mailed. Because the regression equations were not perfect predictors of response, and because the Follow-up National Norms counts are estimates of the 1987 (or 1989) national population of first-time full-time freshmen, a second weighting factor was necessary. This new weight simply allowed the weighted counts to match the population counts by sex and stratification cell as indicated in the 1987 & 1989 National Norms. It compensated for two additional factors: the sampling of students for the follow-up, and the sampling of institutions for the original freshman survey. The product of the two weighting factors comprise the final weight for each student.

Effects of Weighting the National Norms Sample

A set of Adjusted National Norms was produced using the weights developed by this method. The report showed substantial differences from the "unadjusted" results in areas relating to academic ability, performance in college and satisfaction. The greatest changes (in terms of percentage points) are shown below.

	Unadjusted	Adjusted	Change
Earned bachelor's degree by 1991	68.6	51.4	-17.2
Transferred/withdrew/took leave of absence	24.4	38.1	+13.7
Plan to attend college full-time in Fall 1991	27.4	40.3	+12.9
Attended freshman college in third year	81.2	68.3	-12.9
High School GPA of A- or better	38.3	26.1	+12.2
High self-rating: academic achievement	74.8	64.6	-10.2
Satisfied with fac/admin contact	69.0	59.0	-10.0
Was guest in professor's home	38.1	28.6	- 9.5
Made "B" or better GPA in college	77.2	68.1	- 9.1

Problems with the Adjustment

Analyses of the type used to produce the adjustments in the Follow-up data for an individual institution or for a particular stratification cell are subject to distortion under certain conditions. The most important of these is sample size. If a particular respondent group is small, individual differences between students (which are magnified by the weighting factors) can obscure trends which actually exist in the population. Generally speaking, if the respondent sample is less than 50, the adjusted results should be regarded with some caution. Percentages based on samples of less than 50 are indicated in the National Norms reports by *italics*.

Table A1
Sample and Respondent Counts for Selected Characteristics

Characteristics	1987 Cohort Number Sampled	1987 Cohort # of Respondents Follow-up	1987 Cohort # of Respondents Registrar	1989 Cohort Number Sampled	1989 Cohort # of Respondents Follow-up	1989 Cohort # of Respondents Registrar
TOTAL	27,111	5,615	18,382	25,205	5,567	17,795
Student's Sex						
Male	16,474	2,922	10,997	15,169	2,684	10,751
Female	10,637	2,693	7,385	10,036	2,883	7,044
Student's Racial Background						
White	21,479	4,969	15,288	19,539	4,797	14,499
Black	3,983	349	2,139	3,545	370	2,010
American Indian	235	38	147	194	44	133
Asian	732	173	426	753	182	452
Chicano	248	56	152	374	68	243
Puerto Rican	190	24	93	122	16	77
Other	456	87	288	433	87	265
Norm Group						
All 4-yr institutions	22,942	4,977	16,297	21,457	4,869	15,823
Public universities	3,916	946	2,432	4,835	1,196	3,088
Private universities	2,769	740	2,144	2,209	546	1,844
Public 4-yr colleges	5,583	960	3,618	5.483	1,113	3,678
All private 4-yr colleges	10,404	2,331	8,103	8,930	2,014	7,213
Nonsect 4-yr colleges	5,502	967	3,366	4,429	925	3,251
Catholic 4-yr colleges	2,791	670	2,282	2,367	506	2,178
Protestant 4-yr colleges	2,750	691	2,268	2,134	583	1,784
All 2-yr colleges	4,169	638	2,085	3,748	698	1,972
Public 2-yr colleges	3,032	513	1,357	2,700	534	1,204
Private 2-yr colleges	1,137	125	728	1,048	164	768

Table A2
Response Rates by Sex

Sex	1987 Cohort Follow-up Percent	1987 Cohort Registrar Percent	1989 Cohort Follow-up Percent	1989 Cohort Registrar Percent
Male	17.7	66.8	17.7	70.9
Female	25.3	69.4	28.7	70.2
Total	20.7	67.8	22.1	70.6

Table A3
Response Rates by Race

Race	1987 Cohort Follow-up Percent	1987 Cohort Registrar Percent	1989 Cohort Follow-up Percent	1989 Cohort Registrar Percent
White	23.1	71.2	24.6	74.2
Black	8.8	53.7	10.4	56.7
American Indian	16.2	62.6	22.7	68.6
Asian	23.6	58.2	24.2	60.0
Chicano	22.6	61.3	18.2	65.0
Puerto Rican	12.6	48.9	13.1	63.1
Other	19.1	63.2	20.1	61.2
Total	20.7	67.8	22.1	70.6

NOTE: Sum of ethnic counts is larger than the "total" count because respondent may indicate more than one ethnic category.

Table A4
Response Rates by Norm Group

Norm Group	1987 Cohort Follow-up Percent	1987 Cohort Registrar Percent	1989 Cohort Follow-up Percent	1989 Cohort Registrar Percent
All 4-yr institutions	21.7	71.0	22.7	73.7
Public Universities	24.2	62.1	24.7	63.9
Private Universities	26.7	77.4	24.7	83.5
Public 4-yr colleges	16.4	61.8	20.3	67.1
All private 4-yr colleges	22.4	77.9	22.6	80.8
Nonsectarian 4-yr colleges	17.6	61.2	20.9	73.4
Catholic 4-yr colleges	24.0	81.8	21.4	92.0
Protestant 4-yr colleges	25.1	82.5	27.3	83.6
All 2-yr colleges	15.3	50.0	18.6	52.6
Public 2-yr colleges	16.9	44.8	19.8	44.6
Private 2-yr colleges	11.0	64.0	15.6	73.3
Total	20.7	67.8	22.1	70.6

NOTE: Historically Black colleges are included in the appropriate Norms Group. No separate Norms Groups for Black colleges were included due to low response rates.

Table A5
Selected Freshman Characteristics of Respondents and Non-Respondents to the 1989 Follow-up

	Did Student Respond? 1987 Cohort No	1987 Cohort Yes	1989 Cohort No	1989 Cohort Yes
H.S. grades A- or better	21.4	35.8	22.7	38.7
H.S. grades C+ or worse	21.1	8.9	19.2	8.2
White students	76.9	88.3	75.1	86.2
Black students	16.9	6.2	16.2	6.6
Completed < 1 yr of college	10.9	3.9	12.0	5.0
Completed 4 (or 2) yrs of college	45.4	66.6	62.5	76.6
Enrolling in Fall 1991	20.8	21.5	60.3	73.3
Received BA	32.1	54.9	----	---
Average SAT Composite	1007.6	1081.3	1015.6	1068.3

Table A6
Top Five Predictors of Response: 1987 Cohort

Men -- Registrar's Data (R=.30)	Beta
Registrar: received bachelor's degree	.113
Average high school grade	.064
Hours/week spent at exercising/sports	-.055
Student's racial background: Black	-.048
Self-rating: Social self-confidence	-.045

Women -- Registrar's Data (R=.33)	Beta
Registrar: received bachelor's degree	.105
Parents alive and living together	.069
Personal objective: influence political structure	-.050
Student's racial background: White	.047
Registrar: Number of years completed	.042

Men -- No Registrar's Data (R=.31)	Beta
Attended co-ed institution	-.084
Received state scholarship/grant	.058
Student's racial background: White	.058
Religious preference: Protestant	.056
Personal objective: Be involved in environ cleanup	.056

Women -- No Registrar's Data (R=.34)	Beta
Mother's religion: Catholic	.084
Average high school grade	.074
High school activity: Stayed up all night	-.061
Personal objective: become authority in own field	-.059
Institutional selectivity	.056

Table A7
Top Five Predictors of Response: 1989 Cohort

Men -- Registrar's Data (R=.28)	Beta
Average high school grade	.078
Personal objective: be successful in own business	-.052
Student's racial background: White	.050
Registrar: number of years completed	.049
Hours per week spent partying	-.045

Women -- Registrar's Data (R=.29)	Beta
Student's racial background: Black	-.068
Average high school grade	.055
Permission for institution to use student's SSN	.050
Parents alive and living together	.048
Received aid from "other" savings	.046

Men -- No Registrar's Data (R=.30)	Beta
Planned to live in dormitory: fall 1989	.090
Hours per week spent partying	-.063
Average high school grade	.062
Chose freshman college because of low tuition	.061
Received aid from "other" savings	.055

Women -- No Registrar's Data (R=.36)	Beta
Average high school grade	.110
Institutional peer factor: Materialism & status	-.087
Estimated parental income	-.082
Freshman at private university	-.078
Hours per week spent in student clubs/groups	.068

Table A8
Response Rates by Computed Probability of Response

Computed Probability of Response	1987 Cohort		1989 Cohort	
	Follow-up Percent	Registrar Percent	Follow-up Percent	Registrar Percent
0.0-0.1	5.6	6,076	6.1	4,704
0.1-0.2	12.8	7,252	13.1	6,769
0.2-0.3	23.3	7.092	23.8	6,906
0.3-0.4	35.7	4,492	35.1	4,361
0.4-0.5	46.6	1,737	45.2	1,846
0.5-0.6	58.0	388	61.6	518
0.6-0.7	71.7	60	67.4	89
0.7 or more	85.7	14	91.7	12
Total	20.7	27,111	22.4	25,205

Appendix B

Converting ACT Scores to SAT Equivalents

Appendix B
Converting ACT Scores to SAT Equivalents

The ACT equivalent was obtained by summing three ACT subtests (English, Natural Sciences, Social Sciences) and converting to SAT equivalent by the equipercentile method (N=14,865). The sum of the three (range 3-108) ACT subtests was used (rather than simply the ACT English subtest) because it resulted in a better correlation with the SAT Verbal score (r=.82 vs. r=.69). If a record had one or more of the ACT subtests missing, the entire record was dropped from the file. The resulting conversion table is shown below.

ACT Sum	SAT Verbal
108	800
107	800
106	800
105	800
104	800
103	800
102	800
101	790
100	770
99	760
98	750
97	740
96	730
95	720
94	710
93	700
92	690
91	680
90	670
89	660
88	640
87	630
86	620
85	610
84	600
83	590
82	580
81	570
80	560
79	550
78	540
77	540
76	530
75	520
74	510
73	510
72	500
71	490
70	480
69	480
68	470
67	460
66	460
65	450
64	440
63	440
62	440
61	430
60	430
59	420
58	420
57	410
56	410
55	400
54	400
53	390
52	390
51	380
50	380
49	370
48	370
47	360
46	360
45	350
44	350
43	340
42	340
41	330
40	320
39	310
38	310
37	310
36	300
35	300
34	290
33	280
32	280
31	270
30	260
29	260
28	250
27	250
26	240
25	230
24	230
23	220
22	220
21	210
20	210
19	210
18	210
17 or below	200

ACT equivalent is obtained by an equipercentile conversion of the ACT Mathematical subtest score (range 1-36) to SAT. The correlation between SAT-M and converted ACT-M is .85 (N=14,000).

ACT ACT Math	SAT Math
36	780
35	750
34	730
33	710
32	700
31	680
30	660
29	640
28	610
27	590
26	560
25	530
24	510
23	500
22	480
21	470
20	460
19	450
18	440
17	430
16	410
15	390
14	380
13	370
12	360
11	350
10	340
9	330
8	330
7	320
6	300
5	290
4	280
3	270
2	260
1	240

Note: Adapted from Astin, Henson, and Christian (1978).

Appendix C

1991 Follow-Up Survey (FUS) Instrument

1991 FOLLOW-UP SURVEY OF COLLEGE STUDENTS

IF THE NAME, ADDRESS OR BIRTHDATE IS INCORRECT, PLEASE PRINT THE CORRECT INFORMATION BELOW:

NAME: FIRST | MI | LAST

ADDRESS

CITY | STATE | ZIP

PHONE

BIRTHDATE: MONTH | DAY | YEAR

DIRECTIONS:

Your responses will be read by an optical mark reader. Your observance of these few directions will be most appreciated.

- **Use only a black lead pencil (No. 2 is ideal).**
- **Make heavy black marks that fill the oval.**
- **Erase cleanly any answer you wish to change.**
- **Make no stray markings of any kind.**

EXAMPLE: Will marks made with a ball-point or felt-tip pen be properly read?

○ Yes ● No

1. If you could make your college choice over again, would you still choose to enroll at the college you entered as a freshman?

○ Definitely yes ○ Probably not ○ Don't know
○ Probably I would ○ Definitely not

2. Since entering college have you: (Mark all that apply)

- Enrolled in honors or advanced courses ○
- Joined a fraternity or sorority ○
- Gotten married ○
- Had a part-time job on campus ○
- Had a part-time job off campus ○
- Worked full-time while attending school ○
- Participated in a study abroad program ○
- Participated in a college internship program ○
- Participated in campus protests/demonstrations ○
- Been elected to a student office ○
- Taken remedial or developmental courses ○
- Graduated with honors ○
- Enrolled in an ethnic studies course ○
- Enrolled in a women's studies course ○
- Attended a racial/cultural awareness workshop ○
- Participated in an ethnic/racial student organization ○
- Worked on a professor's research project ○
- Participated in intercollegiate sports ○
- Had faculty take personal interest in my progress ○
- Participated in ROTC ○
- Served as a resident advisor/assistant ○
- Participated in a leadership class/program ○
- Was actively involved in a student organization ○

3. Your sex: ○ Male ○ Female

4. Please indicate (A) the highest degree you have earned as of June 1991 and (B) the highest degree you plan to complete.

(Mark one in each column)

	Highest Degree Earned	Highest Degree Planned
None	(A)	(B)
Vocational certificate	(A)	(B)
Associate (A.A. or equivalent)	(A)	(B)
Bachelor's degree (B.A., B.S., etc.)	(A)	(B)
Master's degree (M.A., M.S., etc.)	(A)	(B)
Ph.D. or Ed.D.	(A)	(B)
M.D., D.O., D.D.S., or D.V.M.	(A)	(B)
LL.B. or J.D. (Law)	(A)	(B)
B.D. or M.DIV. (Divinity)	(A)	(B)
Other	(A)	(B)

5. Which option listed below best describes your enrollment status each year since you entered college?

(Mark one in each column)

	YEAR 1	2	3	4
Attended my first college	①	①	①	①
Attended a different college	②	②	②	②
Not enrolled	③	③	③	③

6. Which option listed below best describes where you lived during each year you attended college?

(Mark one in each column)

	YEAR 1	2	3	4
With parents or relatives	①	①	①	①
Other private home, apartment, room	②	②	②	②
College dormitory	③	③	③	③
Fraternity or sorority house	④	④	④	④
Other campus student housing	⑤	⑤	⑤	⑤
Other	⑥	⑥	⑥	⑥

7. Since entering college as a freshman, have you taken a leave of absence, withdrawn from school, or transferred to another college? (If more than one applies, mark only the most recent)

○ NO → **Please go to Question 9.**
○ Took a leave of absence
○ Withdrew from school
○ Transferred before completing my program

} **Please answer Question 8**

8. How important were each of the reasons listed below in your decision to take a leave of absence, withdraw from school, or transfer?

(Mark one answer for each reason)

	Very Important	Somewhat Important	Not Important
Wanted to reconsider my goals and interests	(V)	(S)	(N)
Changed my career plans	(V)	(S)	(N)
Wanted practical experience	(V)	(S)	(N)
Didn't feel like I "fit in" at my first college	(V)	(S)	(N)
Was bored with my coursework	(V)	(S)	(N)
Wanted to go to a school with a better academic reputation	(V)	(S)	(N)
Wanted a better social life	(V)	(S)	(N)
Wanted to be closer to home	(V)	(S)	(N)
Had a good job offer	(V)	(S)	(N)
Wasn't doing as well academically as I had expected	(V)	(S)	(N)
Family responsibilities	(V)	(S)	(N)
Tired of being a student	(V)	(S)	(N)
Had money problems and could no longer afford to attend college	(V)	(S)	(N)
Wanted to go to a school that offered a wider selection of courses or more major field choices	(V)	(S)	(N)
Took time off to work on school-related projects	(V)	(S)	(N)

9. Please provide the following information about your scores on the tests listed below:

GRE: Verbal ☐☐☐ **GRE: Quantitative** ☐☐☐

LSAT ☐☐ **MCAT** ☐☐ **GMAT** ☐☐☐

10. Please rate your satisfaction with the college you entered as a freshman on each of the aspects of campus life listed below.

(Mark one in each row)

	Very Satisfied	Satisfied	Neutral	Dissatisfied	Can't Rate, No Experience
Science and mathematics courses	V	S	N	D	?
Humanities courses	V	S	N	D	?
Social science courses	V	S	N	D	?
Courses in your major field	V	S	N	D	?
Relevance of coursework to everyday life	V	S	N	D	?
Overall quality of instruction	V	S	N	D	?
Laboratory facilities and equipment	V	S	N	D	?
Library facilities	V	S	N	D	?
Computer facilities	V	S	N	D	?
Opportunities to take interdisciplinary courses	V	S	N	D	?
Opportunities to discuss coursework outside of class with professors	V	S	N	D	?
Opportunities to participate in extracurricular activities	V	S	N	D	?
Campus social life	V	S	N	D	?
Tutorial help or other academic assistance	V	S	N	D	?
Academic advising	V	S	N	D	?
Career counseling and advising	V	S	N	D	?
Personal counseling	V	S	N	D	?
Student housing	V	S	N	D	?
Financial aid services	V	S	N	D	?
Amount of contact with faculty and administrators	V	S	N	D	?
Opportunities to attend films/concerts	V	S	N	D	?
Job placement services for students	V	S	N	D	?
Campus health services	V	S	N	D	?
Class size	V	S	N	D	?
Interaction with other students	V	S	N	D	?
Ability to find a faculty or staff mentor	V	S	N	D	?
Diversity of the faculty	V	S	N	D	?
Leadership opportunities	V	S	N	D	?
Overall college experience	V	S	N	D	?

11. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one in each row)

	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability					
Artistic ability					
Competitiveness					
Drive to achieve					
Emotional health					
Ability to learn a foreign language					
Leadership ability					
Mathematical ability					
Physical health					
Popularity					
Popularity with the opposite sex					
Public speaking ability					
Self-confidence (intellectual)					
Self-confidence (social)					
Writing ability					

12. Please mark your probable career/occupation below:

- Accountant or actuary
- Actor or entertainer
- Architect or urban planner
- Artist
- Business (clerical)
- Business executive (management, administrator)
- Business owner or proprietor
- Business salesperson or buyer
- Clergy (minister, priest)
- Clergy (other religious)
- Clinical psychologist
- College teacher
- Computer programmer or analyst
- Conservationist or forester
- Dentist (including orthodontist)
- Dietitian or home economist
- Engineer
- Farmer or rancher
- Foreign service worker (including diplomat)
- Homemaker (full-time)
- Interior decorator (including designer)
- Interpreter (translator)
- Lab technician or hygienist
- Law enforcement officer
- Lawyer (attorney) or judge
- Military service (career)
- Musician (performer, composer)
- Nurse
- Optometrist
- Pharmacist
- Physician
- School counselor
- School principal or superintendent
- Scientific researcher
- Social, welfare or recreation worker
- Statistician
- Therapist (physical, occupational, speech)
- Teacher or administrator (elementary)
- Teacher or administrator (secondary)
- Veterinarian
- Writer or journalist
- Skilled trades
- Other
- Undecided

13. For the activities listed below, please indicate how often (Frequently, Occasionally, or Not at all) you engaged in each during the past year.

(Mark one in each row)

	Frequently	Occasionally	Not at all
Attended a musical recital or concert	F	O	N
Smoked cigarettes	F	O	N
Been lonely or homesick	F	O	N
Socialized with someone of another racial/ethnic group	F	O	N
Felt depressed	F	O	N
Felt overwhelmed by all I had to do	F	O	N
Stayed up all night	F	O	N
Attended a religious service	F	O	N
Used a personal computer	F	O	N
Received career/vocational counseling	F	O	N
Received personal/psychological counseling	F	O	N
Drank beer	F	O	N
Drank wine or liquor	F	O	N
Performed volunteer work	F	O	N
Participated in organized demonstrations	F	O	N

14. During the past year, how much time did you spend during a typical week doing the following activities?

(Mark one in each row)

	Hours Per Week							
	None	Less than 1 hour	1-2	3-5	6-10	11-15	16-20	Over 20
Socializing with friends								
Exercising/sports								
Reading for pleasure								
Using a personal computer								
Partying								
Working (for pay)								
Clubs/groups								
Watching TV								
Commuting								
Religious services/meetings								
Hobbies								
Classes/labs								
Studying/homework								
Talking with faculty outside of class								

15. What do you plan to be doing in the fall of 1991? (Mark all that apply)

- Attending undergraduate college full-time
- Attending undergraduate college part-time
- Attending graduate or professional school
- Attending a vocational training program
- Working full-time
- Working part-time
- Serving in the Armed Forces
- Traveling, hosteling, or backpacking
- Doing volunteer work
- Staying at home to be with (or start) my family

16. Compared with when you entered college as a freshman, how would you now describe your:

(Mark one for each item)

	Much Stronger	Stronger	No Change	Weaker	Much Weaker
General knowledge	5	4	3	2	1
Analytical and problem-solving skills	5	4	3	2	1
Knowledge of a particular field or discipline	5	4	3	2	1
Ability to think critically	5	4	3	2	1
Foreign language ability	5	4	3	2	1
Job-related skills	5	4	3	2	1
Religious beliefs and convictions	5	4	3	2	1
Preparation for graduate or professional school	5	4	3	2	1
Leadership abilities	5	4	3	2	1
Ability to work independently	5	4	3	2	1
Interpersonal skills	5	4	3	2	1
Cultural awareness and appreciation	5	4	3	2	1
Tolerance of persons with different beliefs	5	4	3	2	1
Acceptance of people from different races/cultures	5	4	3	2	1
Confidence in your academic abilities	5	4	3	2	1
Writing skills	5	4	3	2	1
Public speaking ability	5	4	3	2	1
Competitiveness	5	4	3	2	1
Ability to work cooperatively	5	4	3	2	1
Mathematical skills	5	4	3	2	1
Reading speed and comprehension	5	4	3	2	1
Ability to influence others	5	4	3	2	1

17. Indicate the importance to you personally of each of the following:

(Mark one for each item)

	Essential	Very Important	Somewhat Important	Not Important
Becoming accomplished in one of the performing arts (acting, dancing, etc.)	4	3	2	1
Becoming an authority in my field	4	3	2	1
Obtaining recognition from my colleagues for contributions to my special field	4	3	2	1
Influencing the political structure	4	3	2	1
Influencing social values	4	3	2	1
Raising a family	4	3	2	1
Having administrative responsibility for the work of others	4	3	2	1
Being very well off financially	4	3	2	1
Helping others who are in difficulty	4	3	2	1
Making a theoretical contribution to science	4	3	2	1
Writing original works (poems, novels, short stories, etc.)	4	3	2	1
Creating artistic work (painting, sculpture, decorating, etc.)	4	3	2	1
Being successful in a business of my own	4	3	2	1
Becoming involved in programs to clean up the environment	4	3	2	1
Developing a meaningful philosophy of life	4	3	2	1
Participating in a community action program	4	3	2	1
Helping to promote racial understanding	4	3	2	1
Keeping up to date with political affairs	4	3	2	1

18. How would you characterize your political views?

(Mark one)

- ○ Far left
- ○ Liberal
- ○ Middle-of-the-road
- ○ Conservative
- ○ Far right

19. Are you: (Mark all that apply)

- ○ White/Caucasian
- ○ Black/African-American
- ○ American Indian
- ○ Asian-American/Oriental
- ○ Mexican-American/Chicano
- ○ Puerto Rican-American
- ○ Other

20. Since entering college, how many faculty have you found that will provide:

(Mark one for each item)

	More than one	One	None
Advice and guidance about your educational program	3	2	1
Emotional support and encouragement	3	2	1
Sponsorship for special educational programs (e.g., study abroad, independent study, etc.)	3	2	1
A letter of recommendation for a job or graduate school	3	2	1
Help cutting through the "red tape" at your college	3	2	1
Tutorial assistance or help improving your study skills	3	2	1
Honest feedback about your skills and abilities	3	2	1
Intellectual challenge and stimulation	3	2	1
A role model/someone to model yourself after	3	2	1

21. At the college you entered as a freshman, indicate how often (Frequently, Occasionally, or Not at all) you:

(Mark one in each row)

	Frequently	Occasionally	Not at all
Studied with someone from a different racial/ethnic group	3	2	1
Dined with someone from a different racial/ethnic group	3	2	1
Heard faculty make inappropriate remarks about minorities	3	2	1
Had a roommate from a different racial/ethnic group	3	2	1
Felt excluded from school activities because of your racial/ethnic background	3	2	1
Dated someone from a different racial/ethnic group	3	2	1
Were insulted or threatened by other students because of your racial/ethnic background	3	2	1
Felt pressure not to socialize with students from other racial/ethnic groups	3	2	1

22. Mark the one oval that best describes your undergraduate grade average.

- ○ A (3.75–4.0)
- ○ A–, B+ (3.25–3.74)
- ○ B (2.75–3.24)
- ○ B–, C+ (2.25–2.74)
- ○ C (1.75–2.24)
- ○ C– or less (below 1.75)

23. During the past year, indicate how often (Frequently, Occasionally, or Not at all) you engaged in the following activities.

(Mark one for each item)

	Frequently	Occasionally	Not at all
Worked on an independent research project	3	2	1
Took an interdisciplinary course	3	2	1
Discussed course content with students outside of class	3	2	1
Worked on group projects in class	3	2	1
Been a guest in a professor's home	3	2	1
Tutored another student	3	2	1
Participated in intramural sports	3	2	1
Missed classes because of illness	3	2	1
Felt like leaving college	3	2	1
Failed to complete homework on time	3	2	1
Was bored in class	3	2	1
Did extra (unassigned) work for a course	3	2	1
Studied with other students	3	2	1
Overslept and missed a class or appointment	3	2	1
Studied in the library	3	2	1
Participated in an anti-war demonstration	3	2	1

24. Below is a list of different major fields. (Mark only one in each column)

(U) Undergraduate major (final or most recent)
(G) Graduate major (omit if you do not plan to go to graduate school)

ARTS AND HUMANITIES
- Art, fine and applied ... (U) (G)
- English (language and literature) ... (U) (G)
- History ... (U) (G)
- Journalism ... (U) (G)
- Language and Literature (except English) ... (U) (G)
- Music ... (U) (G)
- Philosophy ... (U) (G)
- Speech ... (U) (G)
- Theater or Drama ... (U) (G)
- Theology or Religion ... (U) (G)
- Other Arts and Humanities ... (U) (G)

BIOLOGICAL SCIENCE
- Biology (general) ... (U) (G)
- Biochemistry or Biophysics ... (U) (G)
- Botany ... (U) (G)
- Marine (Life) Science ... (U) (G)
- Microbiology or Bacteriology ... (U) (G)
- Zoology ... (U) (G)
- Other Biological Science ... (U) (G)

BUSINESS
- Accounting ... (U) (G)
- Business Administration (general) ... (U) (G)
- Finance ... (U) (G)
- Marketing ... (U) (G)
- Management ... (U) (G)
- Secretarial Studies ... (U) (G)
- Other Business ... (U) (G)

EDUCATION
- Business Education ... (U) (G)
- Elementary Education ... (U) (G)
- Music or Art Education ... (U) (G)
- Physical Education or Recreation ... (U) (G)
- Secondary Education ... (U) (G)
- Special Education ... (U) (G)
- Other Education ... (U) (G)

ENGINEERING
- Aeronautical or Astronautical Engineering ... (U) (G)
- Civil Engineering ... (U) (G)
- Chemical Engineering ... (U) (G)
- Electrical or Electronic Engineering ... (U) (G)
- Industrial Engineering ... (U) (G)
- Mechanical Engineering ... (U) (G)
- Other Engineering ... (U) (G)

PHYSICAL SCIENCE
- Astronomy ... (U) (G)
- Atmospheric Science (incl. Meteorology) ... (U) (G)
- Chemistry ... (U) (G)
- Earth Science ... (U) (G)
- Marine Science (incl. Oceanography) ... (U) (G)
- Mathematics ... (U) (G)
- Physics ... (U) (G)
- Statistics ... (U) (G)
- Other Physical Science ... (U) (G)

PROFESSIONAL
- Architecture or Urban Planning ... (U) (G)
- Home Economics ... (U) (G)
- Health Technology (medical, dental, laboratory) ... (U) (G)
- Law ... (G)
- Library/Archival Science ... (U) (G)
- Nursing ... (U) (G)
- Pharmacy ... (U) (G)
- Predental, Premedicine, Preveterinary ... (U) (G)
- Therapy (occupational, physical, speech) ... (U) (G)
- Other Professional ... (U) (G)

SOCIAL SCIENCE
- Anthropology ... (U) (G)
- Economics ... (U) (G)
- Ethnic Studies ... (U) (G)
- Geography ... (U) (G)
- Political Science (gov't., international relations) ... (U) (G)
- Psychology ... (U) (G)
- Social Work ... (U) (G)
- Sociology ... (U) (G)
- Women's Studies ... (U) (G)
- Other Social Science ... (U) (G)

TECHNICAL
- Building Trades ... (U) (G)
- Data Processing or Computer Programming ... (U) (G)
- Drafting or Design ... (U) (G)
- Electronics ... (U) (G)
- Mechanics ... (U) (G)
- Other Technical ... (U) (G)

OTHER FIELDS
- Agriculture ... (U) (G)
- Communications (radio, TV, etc.) ... (U) (G)
- Computer Science ... (U) (G)
- Forestry ... (U) (G)
- Law Enforcement ... (U) (G)
- Military Science ... (U) (G)
- Other Field ... (U) (G)
- Undecided ... (U) (G)

25. Please indicate your agreement with each of the following statements.

(Mark one for each item)

	Agree Strongly	Agree Somewhat	Disagree Somewhat	Disagree Strongly
The Federal government is not doing enough to protect the consumer from faulty goods and services	4	3	2	1
The Federal government is not doing enough to promote disarmament	4	3	2	1
The Federal government is not doing enough to control environmental pollution	4	3	2	1
The Federal government should raise taxes to help reduce the deficit	4	3	2	1
Federal military spending should be increased	4	3	2	1
Nuclear disarmament is attainable	4	3	2	1
The death penalty should be abolished	4	3	2	1
A couple should live together for some time before deciding to get married	4	3	2	1
Abortion should be legal	4	3	2	1
The activities of married women are best confined to the home and family	4	3	2	1
Marijuana should be legalized	4	3	2	1
Busing is OK if it helps achieve racial balance in the schools	4	3	2	1
It is important to have laws prohibiting homosexual relationships	4	3	2	1
The chief benefit of a college education is that it increases one's earning power	4	3	2	1
Only volunteers should serve in the armed forces	4	3	2	1
There is too much concern in the courts for the rights of criminals	4	3	2	1

26. Your current religious preference: (Mark one)

- Baptist ... ○
- Buddhist ... ○
- UCC ... ○
- Eastern Orthodox ... ○
- Episcopal ... ○
- Islamic ... ○
- Jewish ... ○
- LDS (Mormon) ... ○
- Lutheran ... ○
- Methodist ... ○
- Presbyterian ... ○
- Quaker ... ○
- Roman Catholic ... ○
- Seventh Day Adventist ... ○
- Other Protestant ... ○
- Other Religion ... ○
- None ... ○

27. Please provide your Social Security Number.

0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9

28. The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape?

○ Yes ○ No

ADDITIONAL QUESTIONS: If you received an additional page of questions, please mark your answers below:

29. A B C D E	36. A B C D E	43. A B C D E
30. A B C D E	37. A B C D E	44. A B C D E
31. A B C D E	38. A B C D E	45. A B C D E
32. A B C D E	39. A B C D E	46. A B C D E
33. A B C D E	40. A B C D E	47. A B C D E
34. A B C D E	41. A B C D E	48. A B C D E
35. A B C D E	42. A B C D E	

THANK YOU!

Please return your completed questionnaire in the postage-paid envelope to:
Higher Education Research Institute
2905 W. Service Rd., Eagan, MN 55121

4136-Questar 7103-54321

Appendix D

Response Codes for Career and Major Fields

Student's Probable Major

Collapsed Category	Item Response Alternatives
Agriculture	Agriculture; Forestry.
Biological Sciences	Biology (general); Biochemistry/biophysics; Botany; Marine (life) science; Microbiology/bacteriology; Zoology; Other.
Business	Accounting; Business administration (general); Finance; Marketing; Management; Secretarial studies; Other business.
Education	Business; Elementary. Music or Art; Physical Education or Recreation; Secondary; Special; Other.
Engineering	Aero-or astronautical; Civil; Chemical; Electrical or Electronic; Industrial; Mechanical; Other.
English	English (language or literature).
Health Professional	Nursing; Pharmacy; Premed, Predent, Prevet; Therapy (physical, occupational, speech).
History/Political Science	History; Political Science.
Humanities (Other)	Language (except English); Philosophy; Theater or drama; Theology or religion; Other arts or humanities.
Fine Arts	Art, fine & applied; Music; Speech; Architecture/urban planning.
Mathematics/Statistics	Mathematics; Statistics.
Physical Sciences	Astronomy; Atmospheric science; Chemistry; Earth science; Marine science; Physics; Other physical sciences.
Social Sciences	Anthropology; Economics; Ethnic Studies, Geography; Psychology; Social work; Sociology; Women's studies; Other social sciences.
Other Technical	Health technology; Data processing/computer programming; Drafting or design; Electronics; Mechanics, Other technical; Computer science.
Other Non-Technical	Journalism; Home economics; Library/archival science; Other professional; Building trades; Communications; Law enforcement; Military science; Other field.

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Student's Probable Career

Collapsed Category	Item Response Alternatives
Artist	Actor or entertainer; Artist; Interior decorator; Musician (performer, composer); Writer or journalist.
Business	Accountant or actuary; Business (management); Business owner or proprietor; Business sales rep or buyer.
Clergy	Clergy (minister, priest); clergy (other religious).
College Teacher	College teacher.
Doctor (MD or DDS)	Dentist (including orthodontist); Physician.
Education (secondary)	School counselor; School principal; Teacher (secondary).
Engineer	Engineer.
Farmer or Forester	Conservationist or forester.
Health Professional	Dietitian or home economist; Lab technician or hygienist; Optometrist; Pharmacist; Therapist (physical, occupational, speech); Veterinarian.
Lawyer	Lawyer.
Nurse	Nurse.
Research Scientist	
Other	Architect; Clinical psychologist; Computer programmer; Foreign service worker; Homemaker; Law enforcement officer; Military service (career); Social worker; Statistician; Skilled trades; Other.
Undecided	Undecided.

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Higher Education Research Institute/CIRP

Current Publications List

August, 1992

The American Freshman:
Twenty–Five Year Trends ($25.00)

Provides trends data for entering freshman classes on selected items of the CIRP survey from 1966-1990. The report highlights academic skills and preparation, demographic trends, high school activities and experiences, education and career plans, and student attitudes and values. September, 1991/192 pages.

The American College Teacher ($12.00)

National Norms for the 1989-90 HERI Faculty Survey

Provides an informative profile of teaching faculty at American colleges and universities. Teaching, research activities and professional development issues are highlighted along with issues related to job satisfaction and stress. December, 1990/ 104 pages.

The Black Undergraduate ($8.00)

Current Status and Trends in the Characteristics of Freshmen

This study examines changes in the characteristics of black college freshmen during the past two decades. A wide variety of characteristics of black college freshmen are considered in the study: family background, academic experience in high school, reasons for attending college, finanical aid, choices of majors and careers, expectations for college, self-concept, values, attitudes, and beliefs. August, 1990/22 pages.

Predicting College Student Retention ($8.00)

Comparative National Data from the 1982 freshman class.

A practical guide for colleges interested in using registrar's data to predict student retention. Focus is on the entering freshmen class of 1982 using results from the 1986 Follow-up Survey. March, 1989/110 pages.

The Courage and Vision to Experiment ($10.00)

Hampshire College 1970-1990

Summarizes the results of a study of Hampshire College, an experimenting liberal arts institution located in Amherst, Massachusetts. Through an analysis of alumni outcomes, the report emphasizes how the lessons learned from the innovative approach used at Hampshire can be translated to the higher education community at large. January, 1991/190 pages.

The American College Student

Provides information on the college student experience two and four years after college entry. Student satisfaction, talent development, student involvement, changing values and career development, and retention issues are highlighted along with normative data from student responses to the HERI Follcw-up Surveys.

1991 report: Normative data for 1987 and 1989 freshmen. August, 1992/214 pages $15.00

1990 report: Normative data for 1986 and 1988 freshmen. October, 1991/196 pages $15.00

1989 report: Normative data for 1985 and 1987 freshmen. October, 1991/216 pages $15.00

1988 report: Normative data for 1984 and 1986 freshmen. August, 1990/210 pages $15.00

1987 report: Normative data for 1983 and 1985 freshmen. Sept., 1989/130 pages $15.00

1985 report: Normative data for 1981 and 1983 freshmen. March, 1989/44 pages $14.00

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Provides national normative data on freshman responses to the annual freshman survey. Please check the year you wish to receive:

Year	Price	Year	Price
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1968	7.50__	1981	7.50__
1969	7.50__	1982	7.50__
1970	7.50__	1983	8.25__
1971	7.50__	1984	8.25__
1972	7.50__	1985	8.50__
1973	7.50__	1986	12.95 (out of stock)
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